MONTHLY MARKET STATISTICS

May 2025
(26 April to 25 May 2025)

Document Information Classification: Public

The information contained in this document is based on data that are subject to continuous verification by the Philippine Electricity Market Corporation (PEMC). The same information is subject to change as updated figures come in.

PUBLIC

ENERGY MARKET

AT A GLANCE

26 April - 25 May 2025

Total Registered Capacity (MW)

29,714 0.27%▼

Previous Month: 29,794

Average Demand (MW)

15,345 3.20%▲

Previous Month: 14,869

Average Capacity Offered/Nominated (MW)

22,047 74.20% of the total Registered Capacity

Previous Month: 21,028

Average Capacity Not Offered/Nominated (MW)

5,659 19.05% of the total Registered Capacity

Previous Month: 5,237

Load Weighted Average Price (LWAP) (PHP/MWh)

4,171 12.91%▼

Previous Month: 4,789

Average Capacity of Plants on Commissioning (MW)

612 2.06% of the total Registered Capacity

Previous Month: 858

Average Capacity on Outage (MW)

1,435 4.83% of the total Registered Capacity

Previous Month: 2,729

Average Effective Supply (MW)

18,445 2.90%▲

Previous Month: 17,925

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MARKET OUTCOME
REGIONAL AT A GLANCE
26 April - 25 May 2025

Philippine Electricity Market Corporation

Luzon

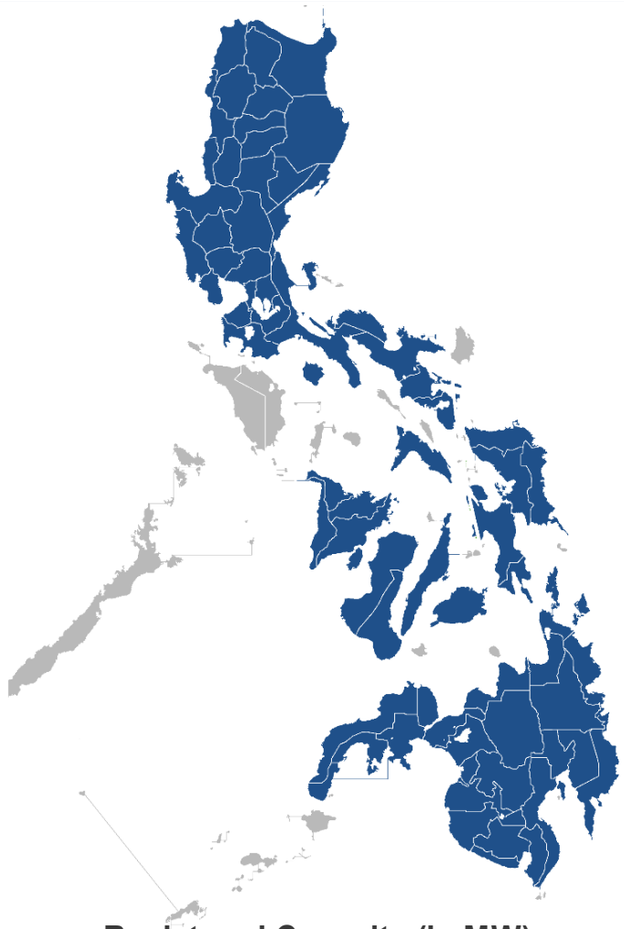
Total Registered Capacity (MW)	21,648.20
Average Effective Supply (MW)	13,227.01
Average Demand (MW)	11,167.01

Visayas

Total Registered Capacity (MW)	3,728.10
Average Effective Supply (MW)	2,553.92
Average Demand (MW)	2,078.66

Mindanao

Total Registered Capacity (MW)	4,337.30
Average Effective Supply (MW)	2,663.74
Average Demand (MW)	2,098.96



Zones	LWAP	Month-on-Month % Change
Northern Luzon	4,453.86	5.07%▲
Metro Manila	4,419.17	4.42%▲
Southern Luzon	4,245.37	4.31%▲
Bohol	3,727.05	11.89%▼
Cebu	3,957.85	5.08%▼
Leyte	3,311.99	22.48%▼
Negros	3,929.20	4.90%▼
Panay	4,076.32	6.19%▼
Lanao	2,952.74	14.95%▼
North Central	3,079.09	15.26%▼
North-East	3,407.09	15.44%▼
North-West	3,549.05	15.19%▼
South-East	3,241.69	14.84%▼
South-West	3,303.13	14.38%▼

Registered Capacity (in MW)

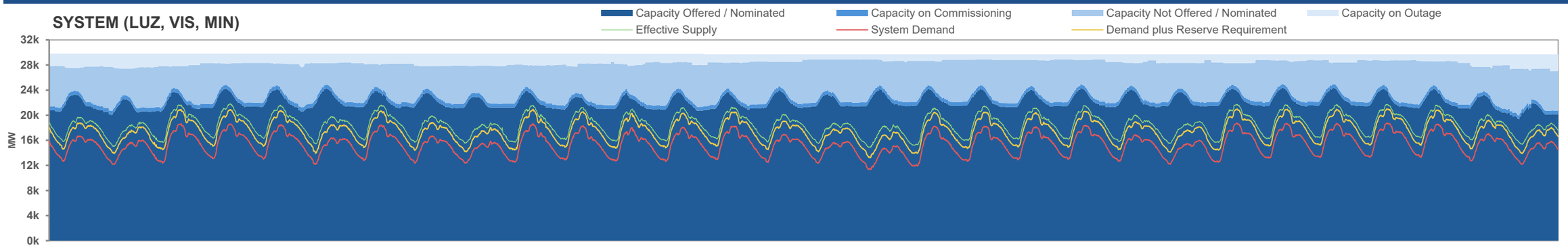
	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,740.60	4,574.90	819.70	2,547.10	1,680.60	465.80	2,220.90	155.60	443.00
Visayas	1,329.70	-	857.00	66.30	489.70	102.80	563.80	194.60	124.20
Mindanao	2,254.60	-	105.00	1,161.50	589.50	-	67.20	59.50	100.00

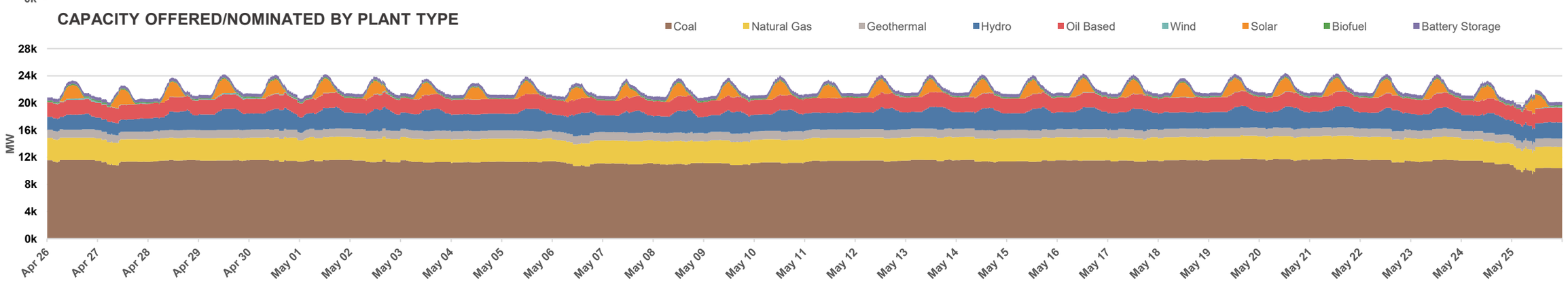
PUBLIC

MARKET OUTCOME
CAPACITY PROFILE

26 April - 25 May 2025

Philippine Electricity Market Corporation





Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Effective Supply						
System	14,853.06	5/12/2025 7:10	21,814.14	4/29/2025 14:35	18,444.67	2.90%▲
Luzon	10,210.33	5/12/2025 7:05	15,787.77	4/29/2025 14:35	13,038.58	2.97%▲
Visayas	1,862.05	5/13/2025 5:00	2,873.57	5/15/2025 13:25	2,384.18	2.76%▲
Mindanao	2,428.86	5/25/2025 8:15	3,618.64	4/28/2025 15:55	3,021.91	2.70%▲
Demand Plus Reserve Requirement						
System	13,220.96	5/12/2025 7:50	21,027.32	5/22/2025 14:20	17,445.99	3.33%▲
Luzon	9,536.02	5/12/2025 7:50	15,316.99	5/21/2025 14:20	12,658.32	4.14%▲
Visayas	1,790.09	5/4/2025 6:20	2,965.06	5/19/2025 14:05	2,421.03	3.24%▲
Mindanao	1,748.17	5/12/2025 7:20	2,970.86	5/9/2025 14:45	2,366.65	0.71%▼

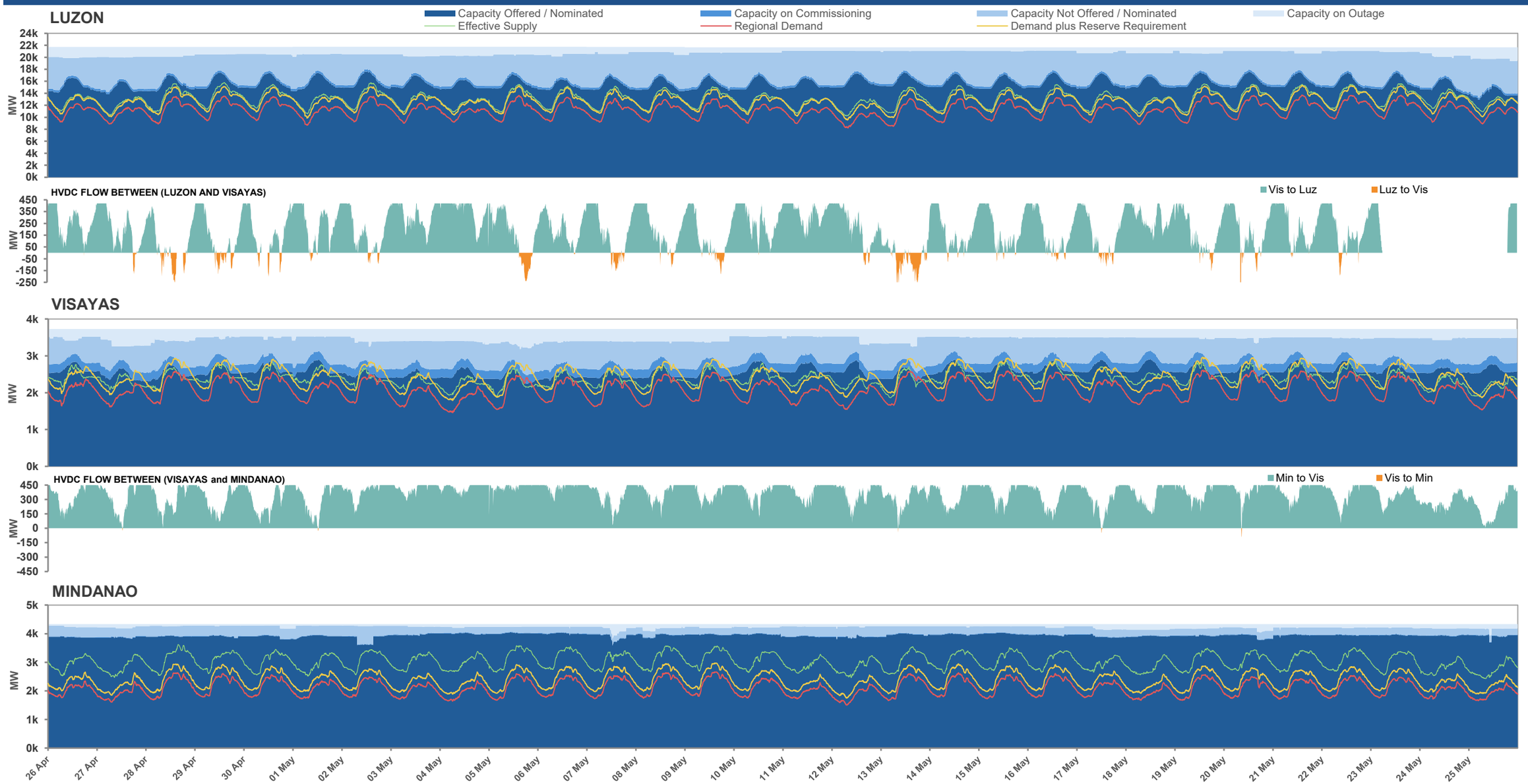
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	9,488.00	5/25/2025 9:50	11,818.10	5/19/2025 15:10	11,369.97	4.38%▲
Natural Gas	2,963.30	5/24/2025 5:45	3,441.30	5/5/2025 3:05	3,354.98	13.57%▲
Geothermal	1,081.30	5/2/2025 13:45	1,243.70	5/18/2025 20:50	1,211.24	2.47%▲
Hydro	1,737.50	4/27/2025 13:45	3,390.90	5/8/2025 16:50	2,619.36	4.38%▲
Oil Based	2,063.70	5/1/2025 5:05	2,194.50	5/6/2025 9:05	2,175.31	1.04%▲
Wind	1.50	5/6/2025 6:50	229.50	4/29/2025 15:55	45.44	43.44%▼
Solar	0.00	4/26/2025 0:05	2,227.80	4/27/2025 11:30	638.25	0.87%▲
Biofuel	96.80	5/5/2025 23:00	190.60	5/7/2025 13:10	162.55	1.35%▼
Battery Storage	386.40	4/27/2025 9:15	510.40	5/8/2025 0:05	469.56	1.97%▲

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MARKET OUTCOME
CAPACITY PROFILE

26 April - 25 May 2025

Philippine Electricity Market Corporation



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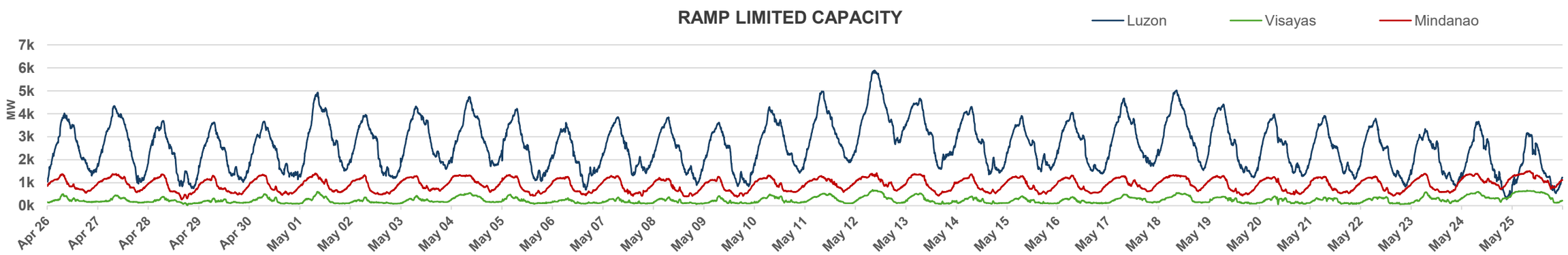
MARKET OUTCOME
CAPACITY PROFILE
26 April - 25 May 2025

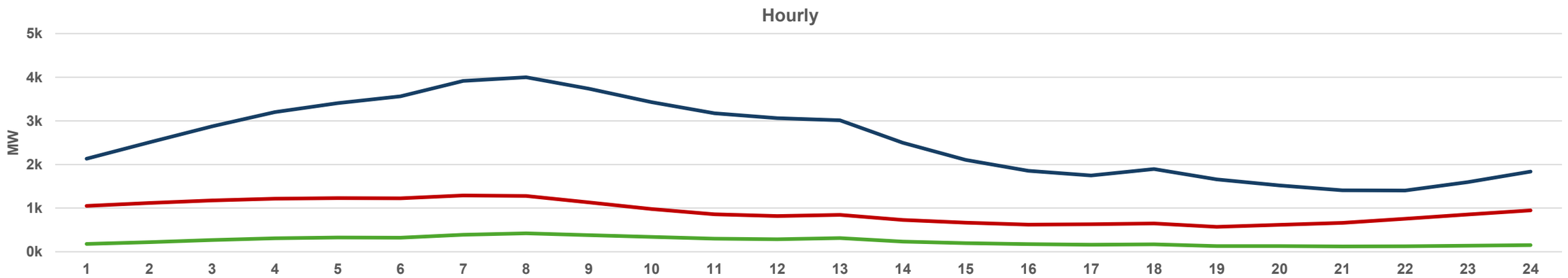
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HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	0.27	250.00	11%	42.71%▼
Vis-Luz	0.32	420.00	79%	45.70%▲
Vis-Min	0.01	90.10	0%	95.37%▼
Min-Vis	1.00	450.00	100%	5.06%▲

**Note: The percent time represents the proportion of the total period during which the HVDCs were available and in operation.*

Particulars	Min (in MW)	Min Date and time Interval	Max (in MW)	Max Date and time Interval	Ave (in MW)	Month-on-Month %Change
Ramp Limited Capacity						
System	1,221.86	4/28/2025 16:10	7,892.86	5/12/2025 9:25	3,719.38	10.80%▲
Luzon	274.13	5/24/2025 21:30	5,879.70	5/12/2025 9:15	2,564.44	10.74%▲
Visayas	10.24	4/28/2025 18:40	694.14	5/12/2025 8:10	241.55	18.96%▲
Mindanao	276.06	4/28/2025 15:55	1,504.99	5/25/2025 8:10	913.39	8.83%▲

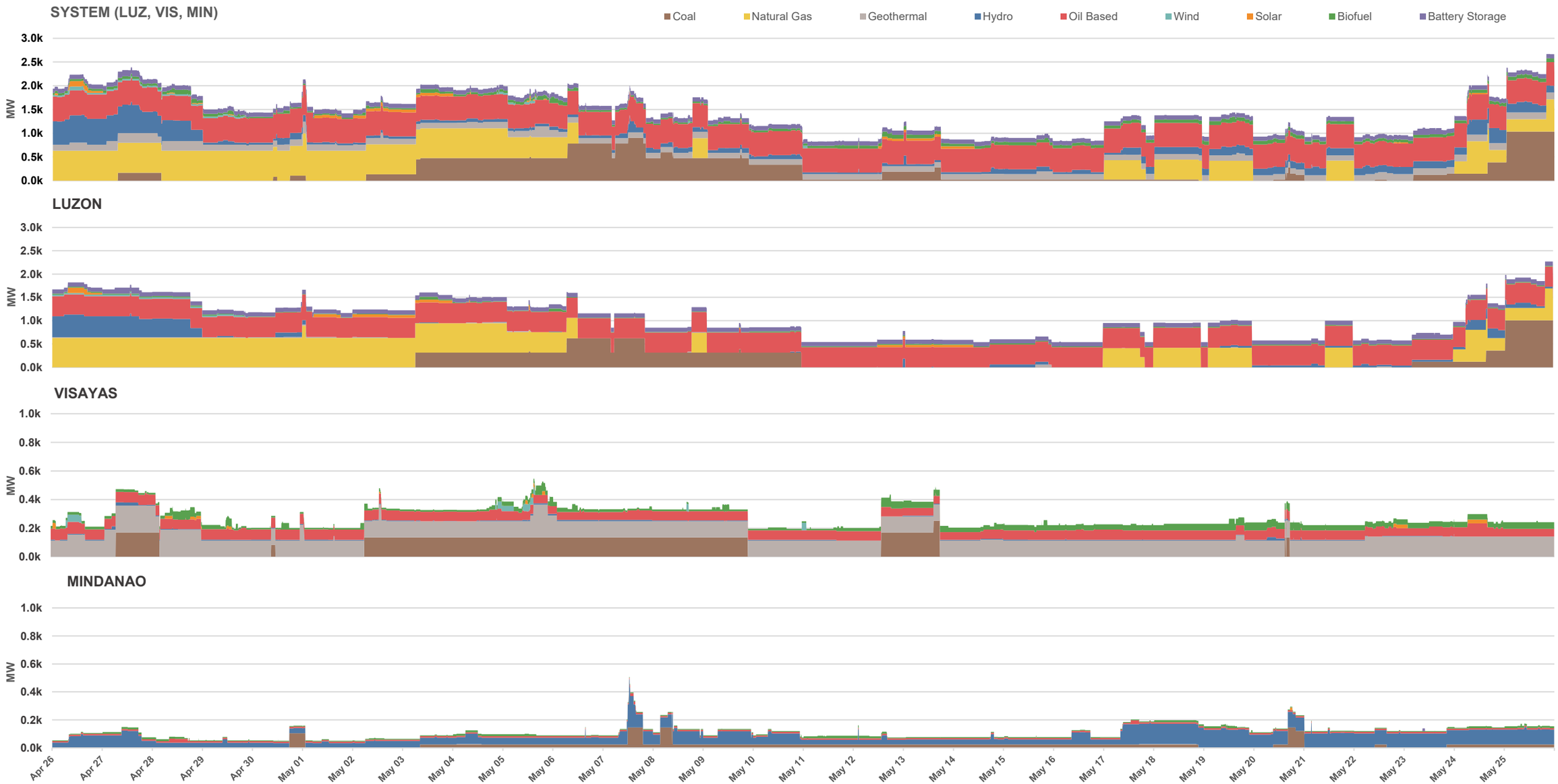




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MARKET OUTCOME
OUTAGE BY PLANT TYPE
26 April - 25 May 2025

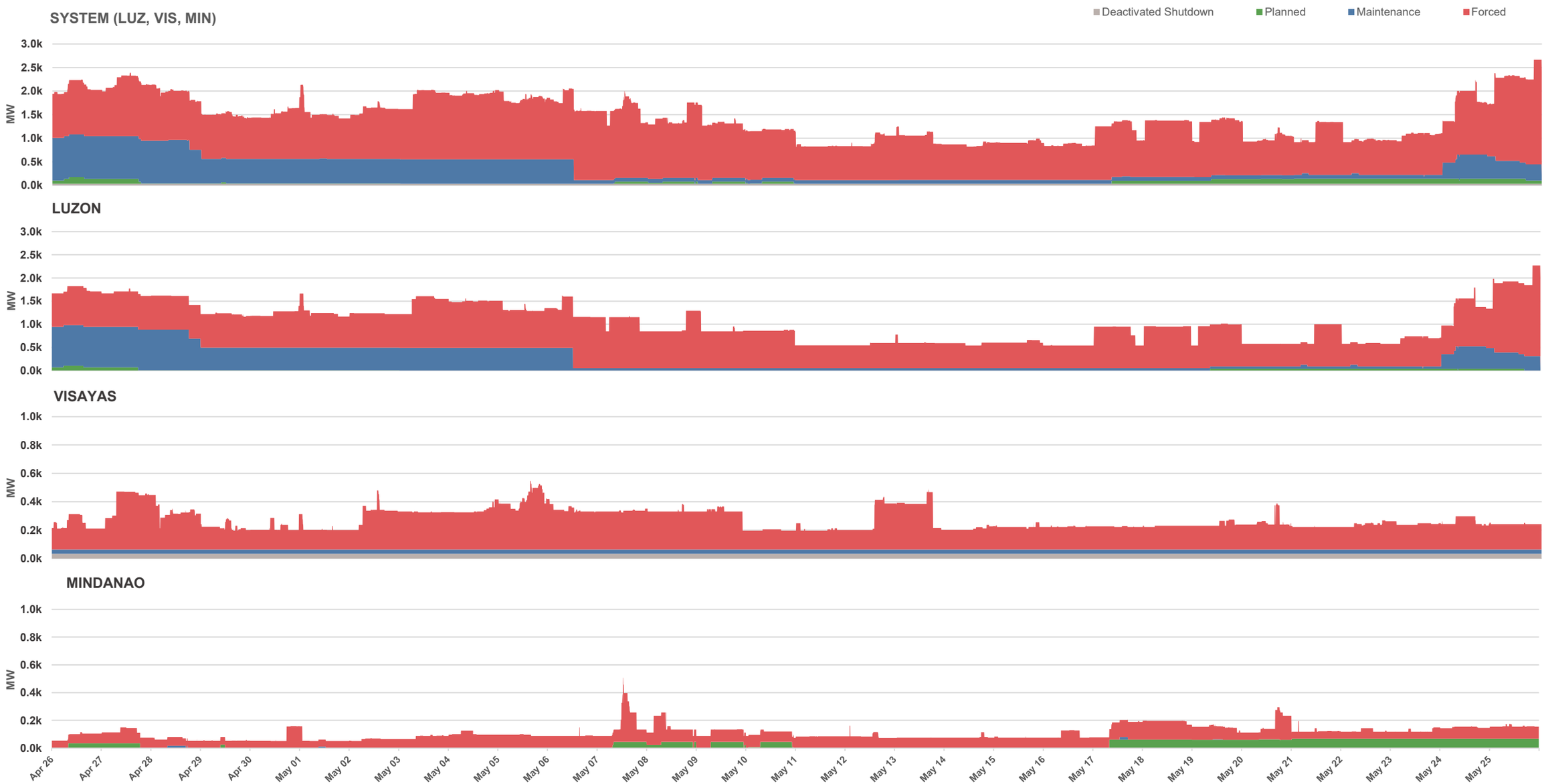
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MARKET OUTCOME
OUTAGE BY CATEGORY
26 April - 25 May 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 April - 25 May 2025

Philippine Electricity Market Corporation

System

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	24.10	5/10/2025 23:30	1,033.10	5/25/2025 1:05	286.28	59.86%▼
Natural Gas	190.00	5/17/2025 0:00	893.00	5/1/2025 0:00	536.74	36.26%▼
Geothermal	113.20	4/29/2025 20:50	246.75	5/2/2025 13:15	129.83	25.12%▼
Hydro	34.50	5/11/2025 16:20	652.60	4/27/2025 13:25	138.54	63.15%▼
Oil Based	495.10	5/5/2025 8:05	631.10	4/30/2025 23:25	507.91	1.15%▼
Wind	32.40	4/26/2025 0:05	82.30	4/26/2025 7:20	37.85	3.70%▲
Solar	8.20	5/7/2025 15:35	114.00	4/26/2025 7:35	51.63	3.93%▼
Biofuel	29.20	4/29/2025 11:30	133.60	5/5/2025 23:00	56.69	26.19%▼
Battery Storage	80.00	5/23/2025 15:05	150.00	5/23/2025 8:50	91.39	75.68%▲

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	25.00	5/12/2025 11:50	1,009.00	5/25/2025 1:05	397.31	23.82%▼
Natural Gas	190.00	5/17/2025 0:00	893.00	5/1/2025 0:00	536.74	36.26%▼
Geothermal	3.00	5/1/2025 16:30	60.00	5/15/2025 15:45	18.60	31.46%▼
Hydro	0.30	4/29/2025 0:05	508.30	4/27/2025 13:25	99.02	63.95%▼
Oil Based	430.00	4/26/2025 0:05	549.00	4/30/2025 23:25	430.91	1.23%▼
Wind	32.40	4/26/2025 0:05	32.40	4/26/2025 0:05	32.40	8.73%▼
Solar	8.20	5/7/2025 15:35	114.00	4/26/2025 7:35	59.21	5.73%▼
Biofuel	7.70	5/18/2025 6:05	62.50	5/5/2025 22:20	18.67	32.99%▲
Battery Storage	80.00	5/23/2025 15:05	130.00	4/27/2025 6:05	91.35	75.78%▲

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	83.10	4/30/2025 9:40	252.70	5/13/2025 14:50	142.67	24.67%▼
Natural Gas	-		-			
Geothermal	113.20	4/26/2025 0:05	230.05	5/2/2025 13:15	124.03	13.28%▼
Hydro	1.25	4/26/2025 2:10	24.20	5/20/2025 6:35	6.02	9.11%▲
Oil Based	54.50	5/5/2025 8:05	92.90	5/24/2025 6:30	66.02	0.78%▼
Wind	13.20	4/26/2025 14:50	52.90	5/8/2025 16:35	46.43	16.13%▲
Solar	14.50	5/2/2025 13:15	40.50	4/26/2025 1:00	24.37	34.18%▼
Biofuel	11.90	4/27/2025 16:25	86.10	5/12/2025 17:55	29.91	45.50%▼
Battery Storage	-		-			

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	24.10	5/3/2025 8:20	146.10	5/7/2025 11:55	30.97	82.24%▼
Natural Gas	-		-			
Geothermal	3.60	5/4/2025 1:55	3.60	5/4/2025 1:55	3.60	77.63%▼
Hydro	34.50	4/30/2025 10:05	344.60	5/7/2025 12:35	71.75	29.10%▼
Oil Based	10.60	4/26/2025 0:05	28.20	4/28/2025 8:05	10.98	0.40%▼
Wind	-		-			
Solar	20.00	5/20/2025 17:25	20.00	5/20/2025 17:25	20.00	82.98%▲
Biofuel	5.70	4/26/2025 0:05	28.70	5/25/2025 7:55	8.11	2.91%▲
Battery Storage	20.00	5/23/2025 8:50	20.00	5/23/2025 8:50	20.00	

System

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	0.30	5/3/2025 0:15	138.30	4/26/2025 8:05	45.27	88.87%▼
Maintenance	30.00	5/23/2025 15:05	925.60	4/28/2025 8:05	294.49	65.06%▼
Forced	698.03	5/22/2025 0:05	2,223.13	5/25/2025 20:10	1,068.21	26.45%▼
Deactivated Shutdown	33.00	4/26/2025 0:05	33.00	4/26/2025 0:05	33.00	

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	0.30	5/3/2025 0:15	103.30	4/26/2025 5:45	25.87	91.64%▼
Maintenance	50.00	5/6/2025 12:10	878.00	4/26/2025 0:05	264.14	65.95%▼
Forced	488.50	5/15/2025 23:30	1,955.10	5/25/2025 20:10	771.47	20.08%▼
Deactivated Shutdown	-		-			

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	-		-			
Maintenance	30.00	4/26/2025 0:05	30.00	4/26/2025 0:05	30.00	53.95%▼
Forced	132.80	4/29/2025 15:45	483.36	5/5/2025 15:15	211.83	27.00%▼
Deactivated Shutdown	33.00	4/26/2025 0:05	33.00	4/26/2025 0:05	33.00	

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	0.93	5/13/2025 1:15	68.00	5/21/2025 0:20	42.64	46.96%▼
Maintenance	3.40	5/19/2025 10:10	17.60	4/28/2025 8:05	13.59	81.20%▲
Forced	50.80	4/30/2025 10:05	461.40	5/7/2025 12:35	84.91	56.87%▼
Deactivated Shutdown	-		-			

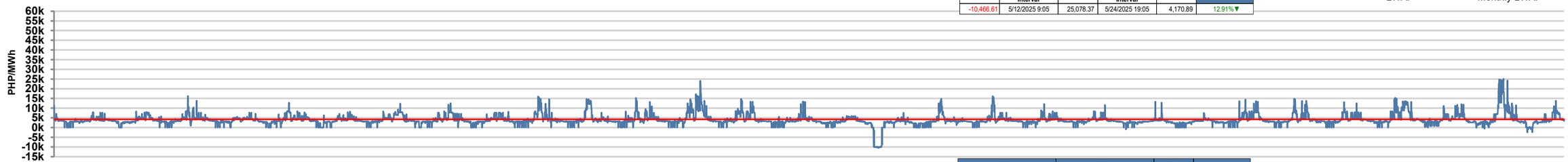
PUBLIC

MARKET OUTCOME
MARKET PRICE
26 April - 25 May 2025

Philippine Electricity Market Corporation

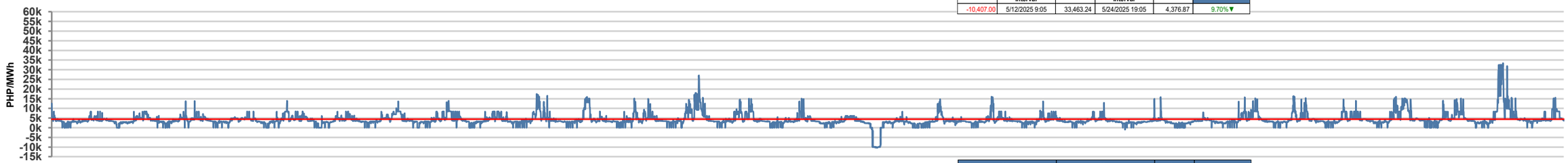
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,466.61	5/12/2025 9:05	25,078.37	5/24/2025 19:05	4,170.89	12.91%▼



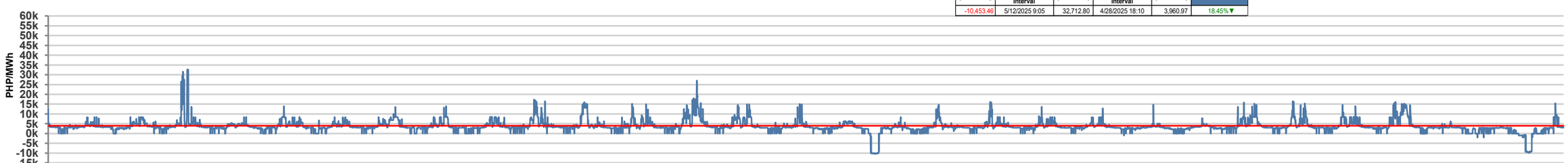
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,407.00	5/12/2025 9:05	33,463.24	5/24/2025 19:05	4,376.87	9.70%▼



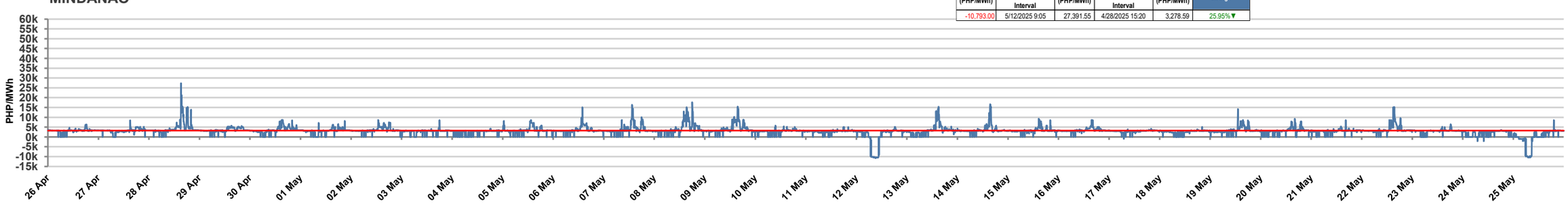
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,453.46	5/12/2025 9:05	32,712.80	4/28/2025 18:10	3,960.97	18.45%▼



MINDANAO

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,793.00	5/12/2025 9:05	27,391.55	4/28/2025 15:20	3,278.59	25.95%▼



PUBLIC

MARKET OUTCOME
PRICING CONDITION
26 April - 25 May 2025

Philippine Electricity Market Corporation

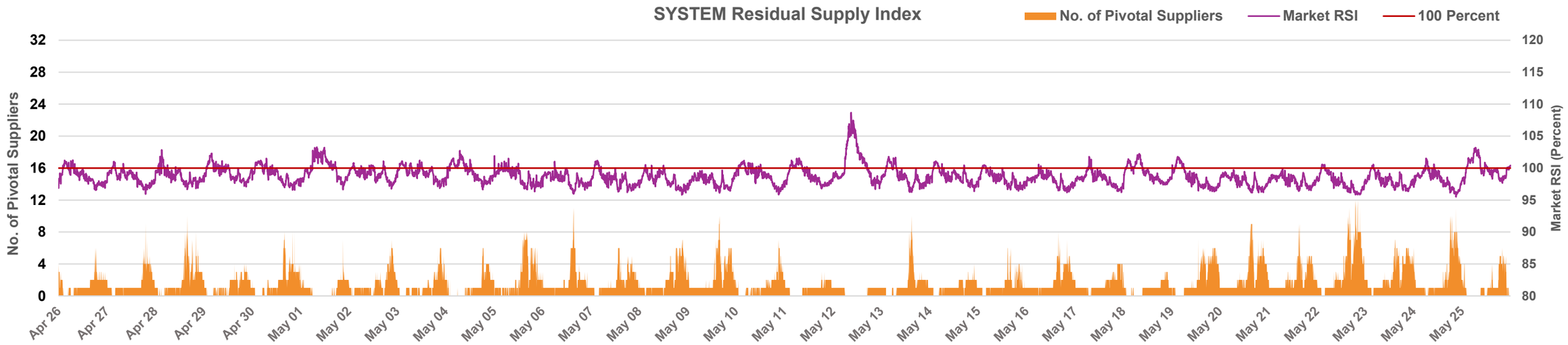


		Normal		Pricing Error Notice		Price Substitution Methodology		Secondary Price Cap		Administered Price	
Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	April 2025	8,575	96.05%	187	2.09%	158	1.77%	0	0.00%	8	0.09%
	May 2025	8,527	98.69%	26	0.30%	87	1.01%	0	0.00%	0	0.00%
Visayas	April 2025	8,578	96.08%	187	2.09%	155	1.74%	0	0.00%	8	0.09%
	May 2025	8,554	99.00%	27	0.31%	59	0.68%	0	0.00%	0	0.00%
Mindanao	April 2025	8,578	96.08%	187	2.09%	155	1.74%	0	0.00%	8	0.09%
	May 2025	8,554	99.00%	27	0.31%	59	0.68%	0	0.00%	0	0.00%

PUBLIC

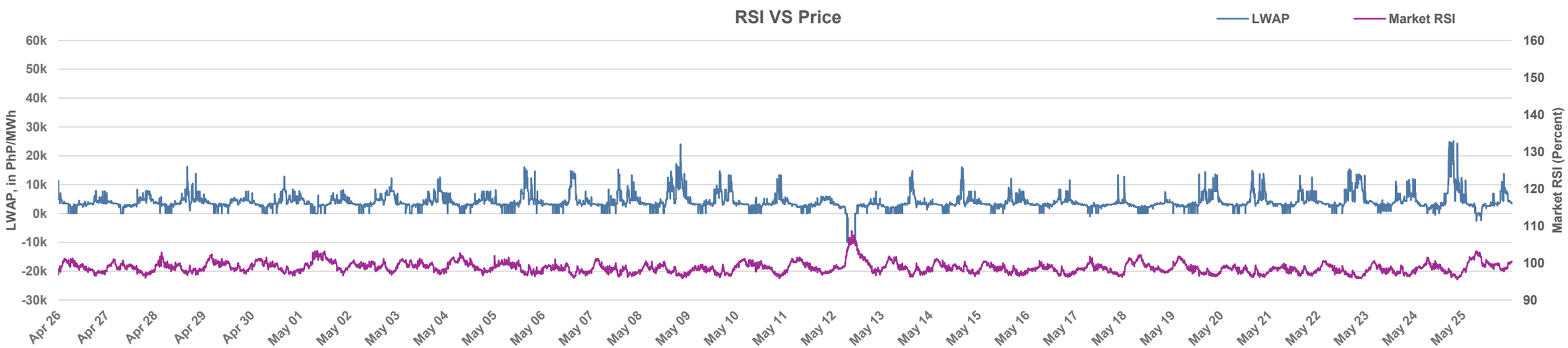
MARKET OUTCOME
STRUCTURAL COMPETITION
26 April - 25 May 2025

Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	108.67	-10,466.61	5/12/2025 9:05
Min	95.51	24,306.67	5/24/2025 21:05

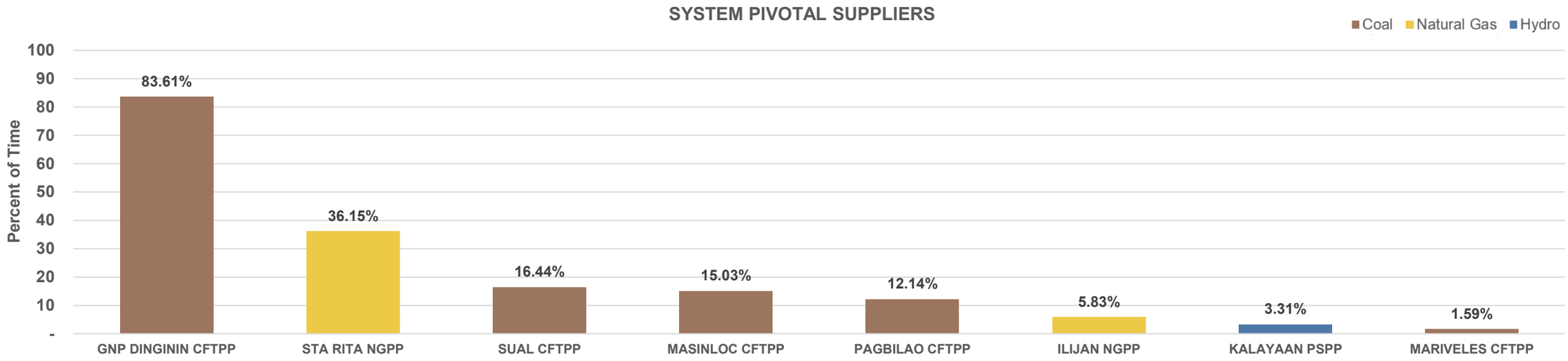
Price (PHP/MWh)		RSI	Time Interval
Max	25,078.37	96.61	5/24/2025 19:05
Min	-10,466.61	108.67	5/12/2025 9:05

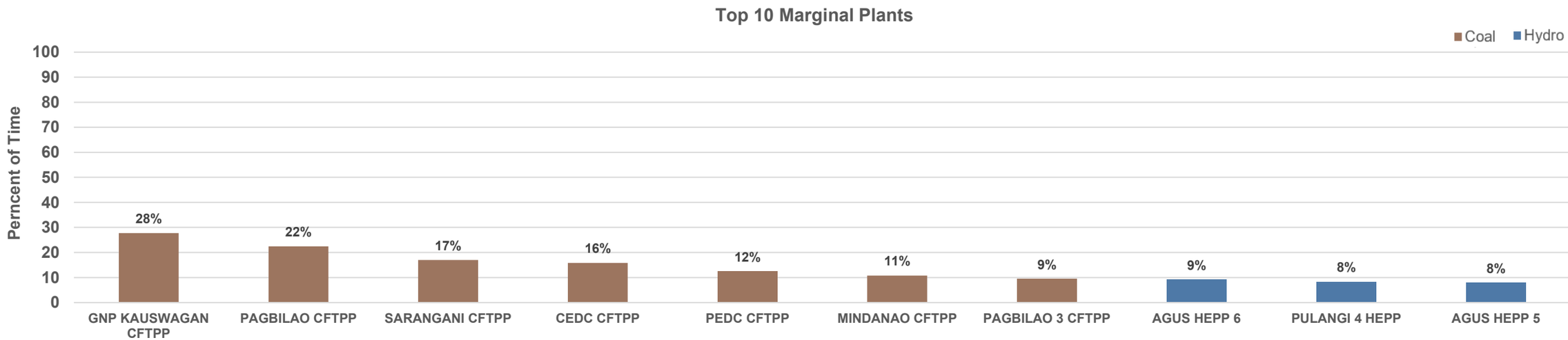


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MARKET OUTCOME
STRUCTURAL COMPETITION
26 April - 25 May 2025

Philippine Electricity Market Corporation



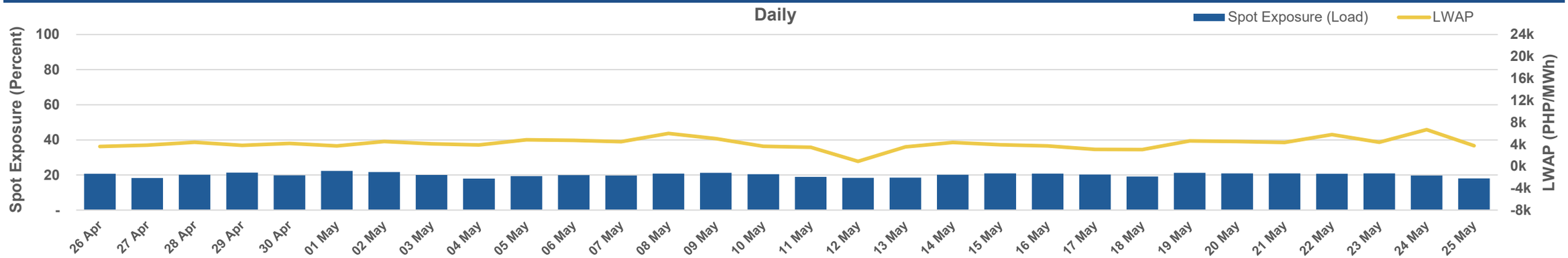


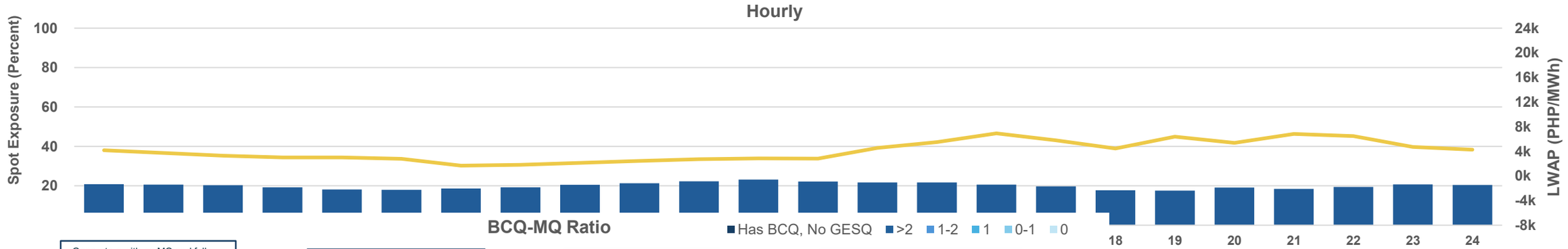
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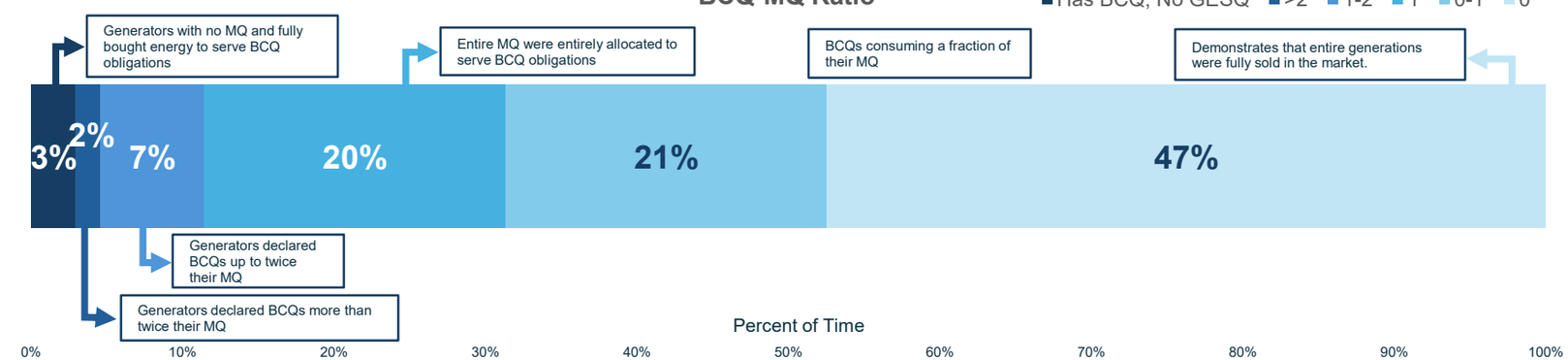
MARKET OUTCOME
SPOT EXPOSURE

26 April - 25 May 2025

Philippine Electricity Market Corporation







Legend	% of Time	Remarks
Has BCQ, No GESQ	3%	Generators with no MQ and fully bought energy to serve BCQ obligations
>2	2%	Generators declared BCQs more than twice their MQ
1-2	7%	Generators declared BCQs up to twice their MQ
1	20%	Entire MQ were entirely allocated to serve BCQ obligations
0-1	21%	BCQs consuming a fraction of their MQ
0	47%	Demonstrates that entire generations were fully sold in the market.

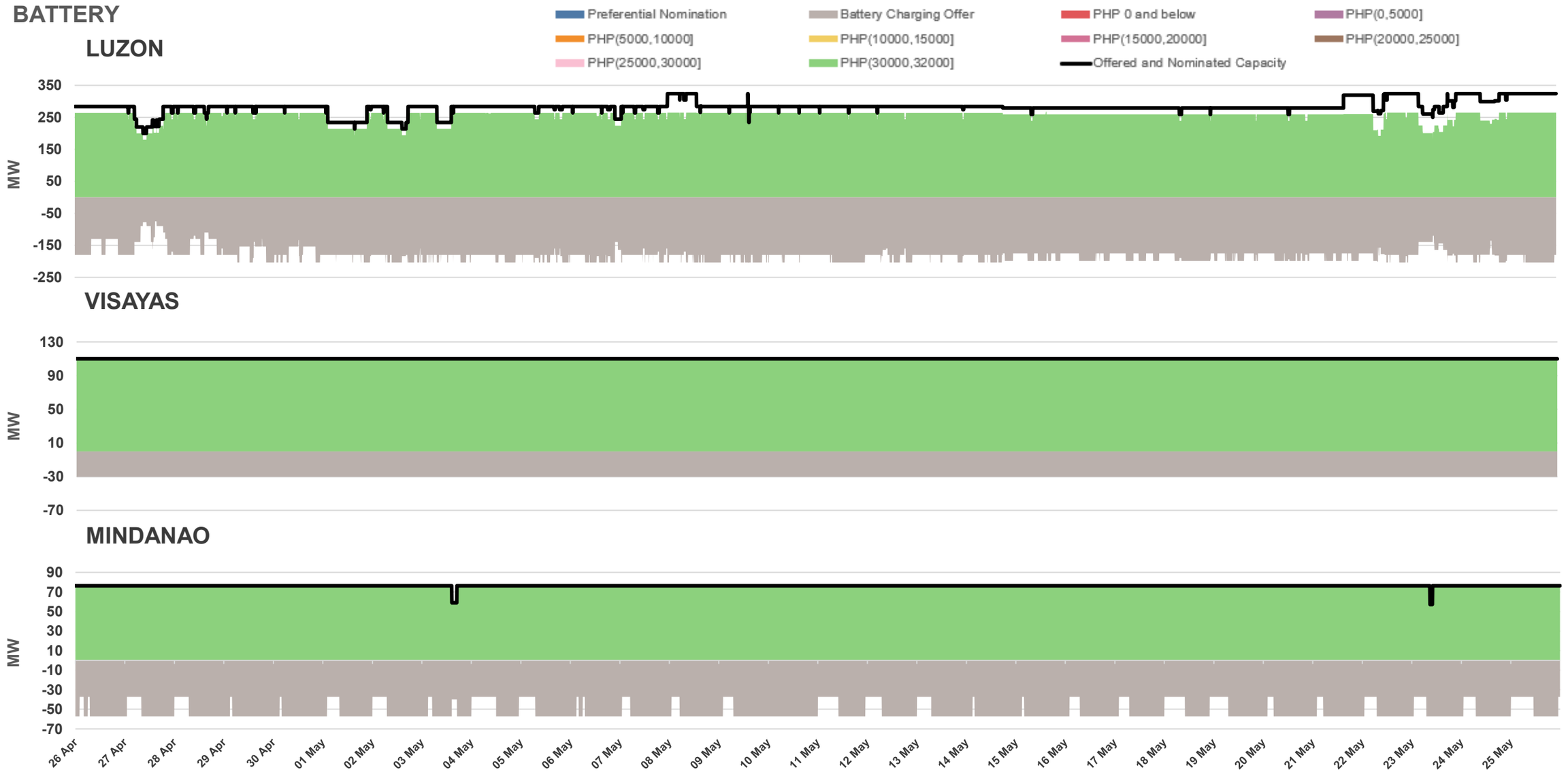
Note: The graph is derived from the occurrences of the BCQ-MQ ratio over time per generator trading interval.

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MARKET OUTCOME
OFFERS
26 April - 25 May 2025

Philippine Electricity Market Corporation

BATTERY



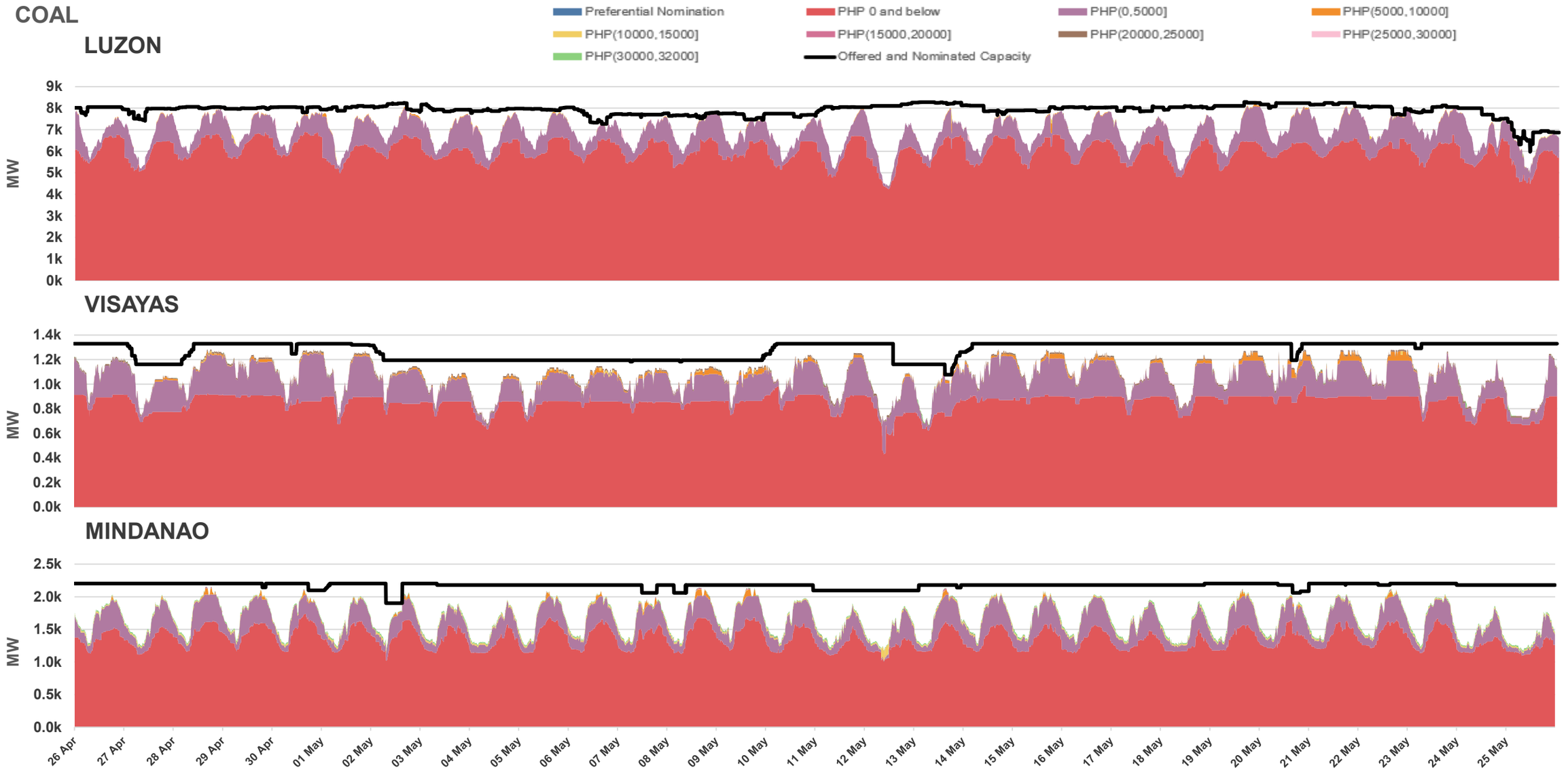
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MARKET OUTCOME
OFFERS

26 April - 25 May 2025

Philippine Electricity Market Corporation

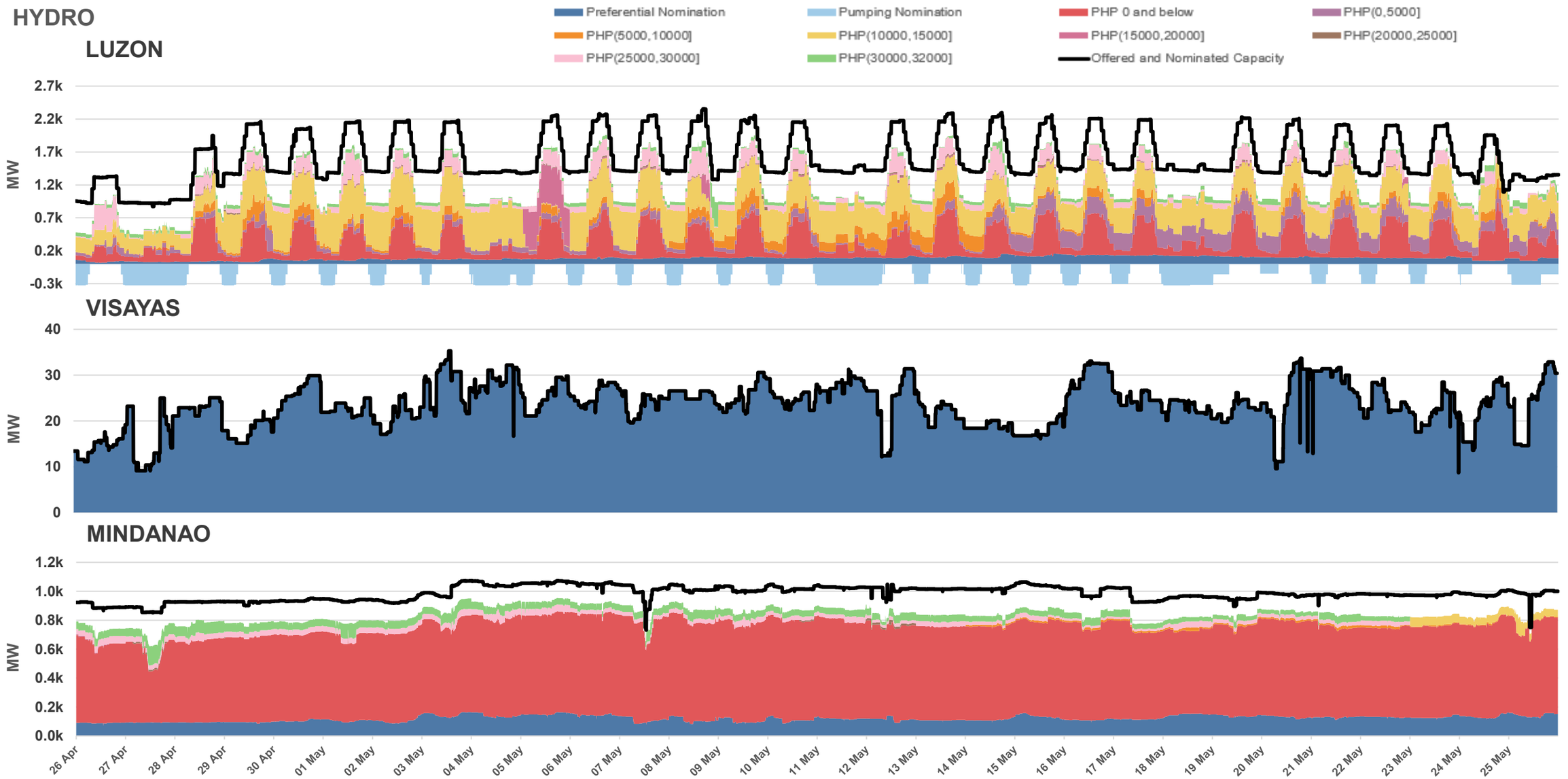
COAL



PUBLIC

MARKET OUTCOME
OFFERS
26 April - 25 May 2025

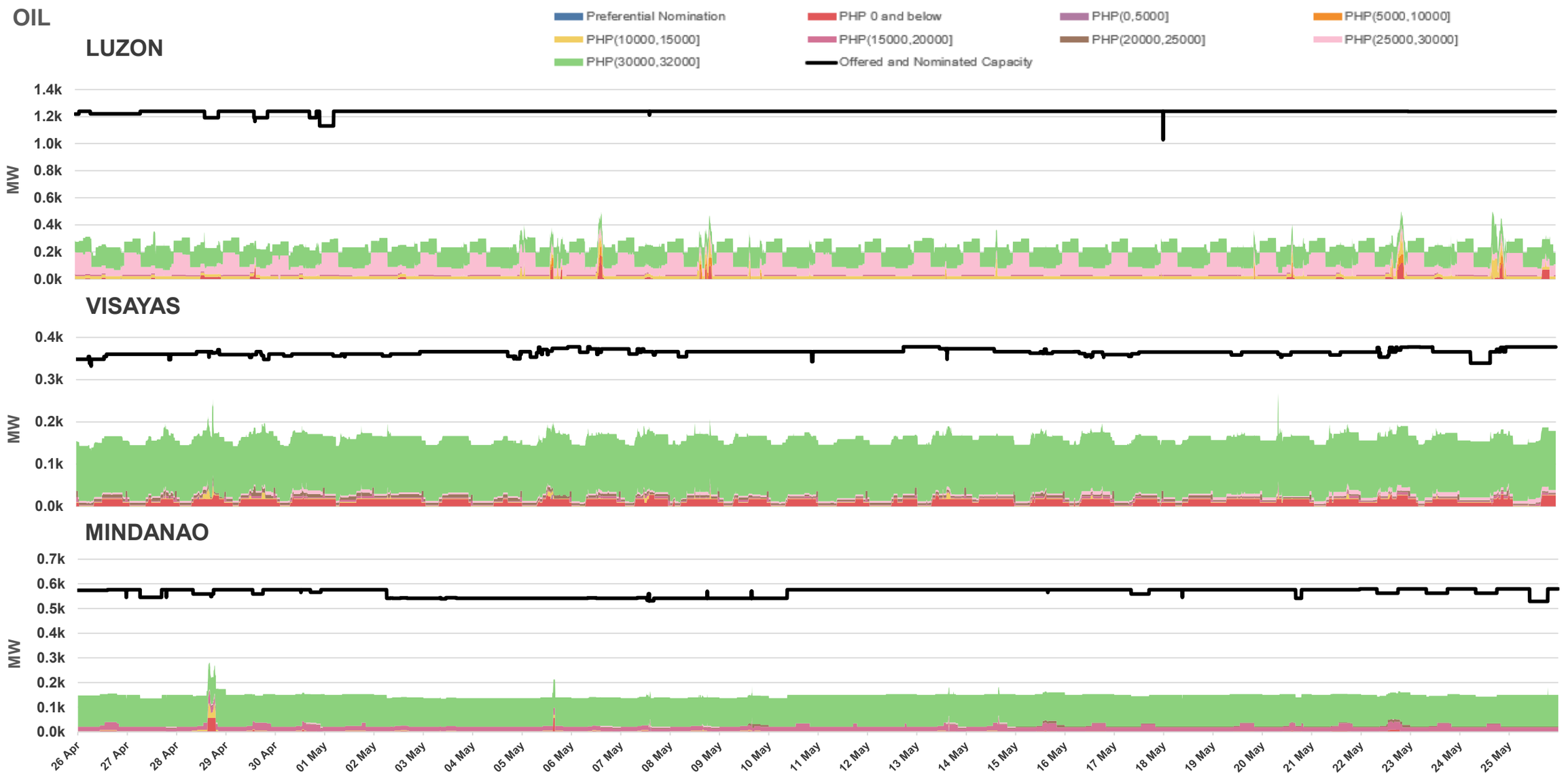
Philippine Electricity Market Corporation



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MARKET OUTCOME
OFFERS
26 April - 25 May 2025

Philippine Electricity Market Corporation



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RESERVE MARKET

AT A GLANCE

26 April - 25 May 2025

Reserve Total Registered Capacity (in MW)

5,232.90

18%
of the total Registered Capacity

Previous Month: 5,112.40

2.36% ▲

		LUZON		VISAYAS		MINDANAO	
		Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)	Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)	Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)
Regulating	Up	2,058.00	11,136.88	219.60	24,283.85	481.50	24,677.95
	Down		11,843.98		23,583.54		24,678.31
Contigency		2,329.30	2,637.45	327.20	3,157.88	839.80	735.88
Dispatchable		2,619.00	773.55	326.50	4,717.10	498.60	2.26

PUBLIC

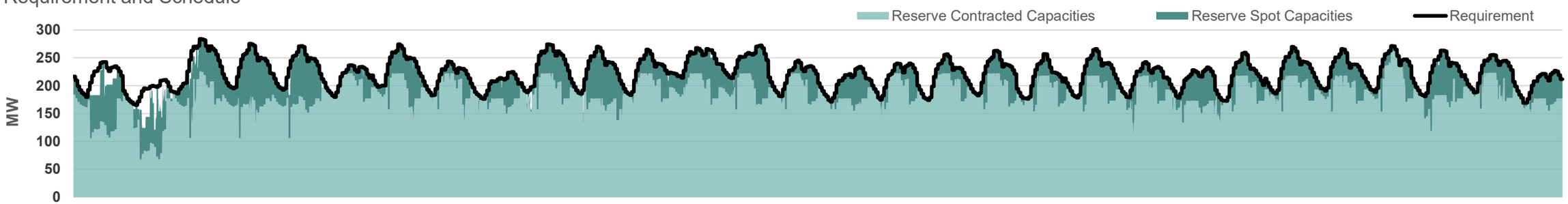
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

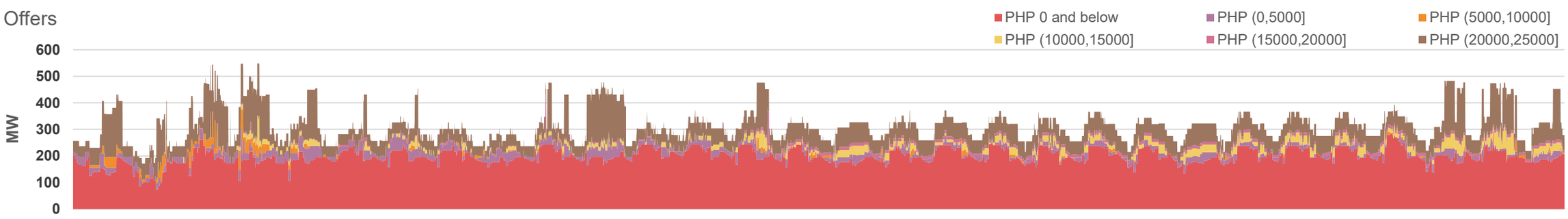
Philippine Electricity Market Corporation

LUZON - REGULATING UP

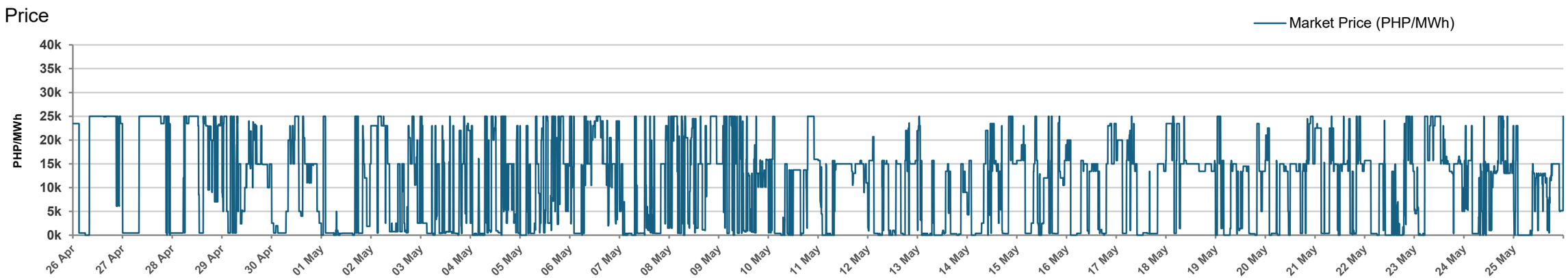
Requirement and Schedule



Offers



Price



PUBLIC

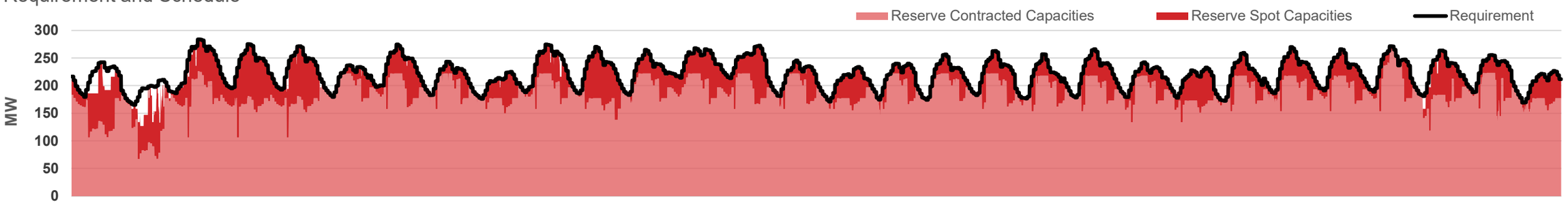
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

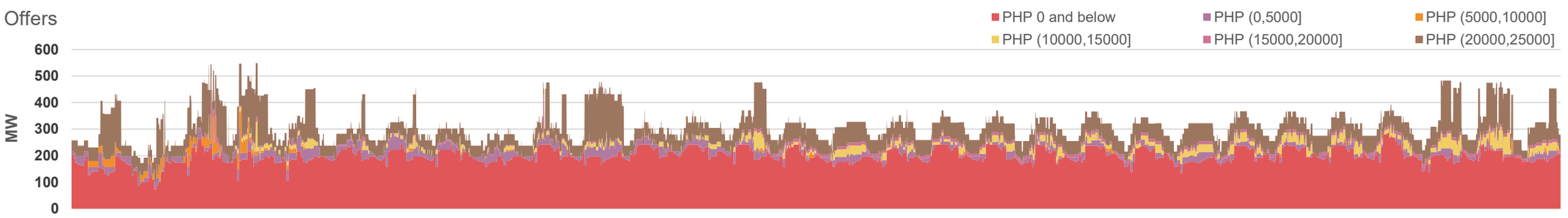
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

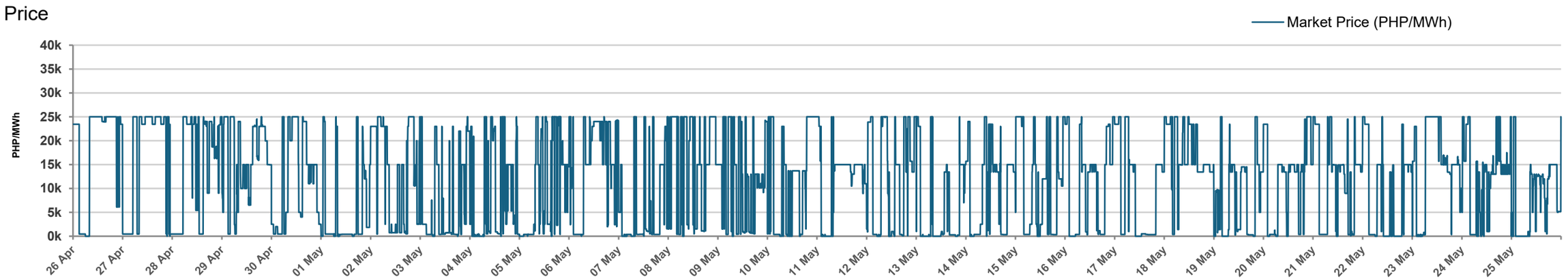
Requirement and Schedule



Offers



Price



PUBLIC

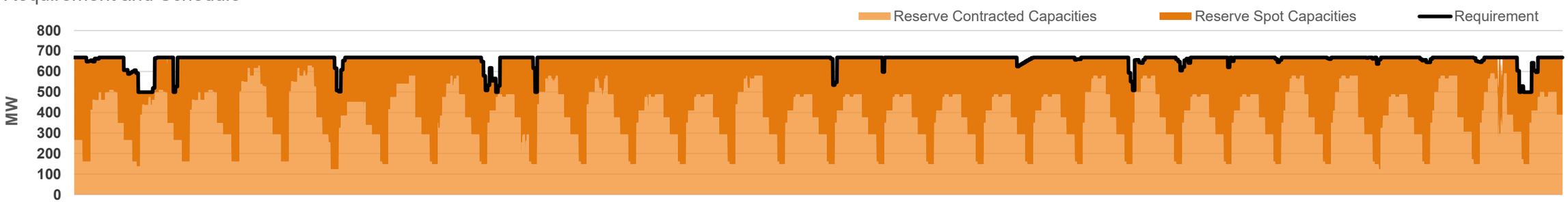
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

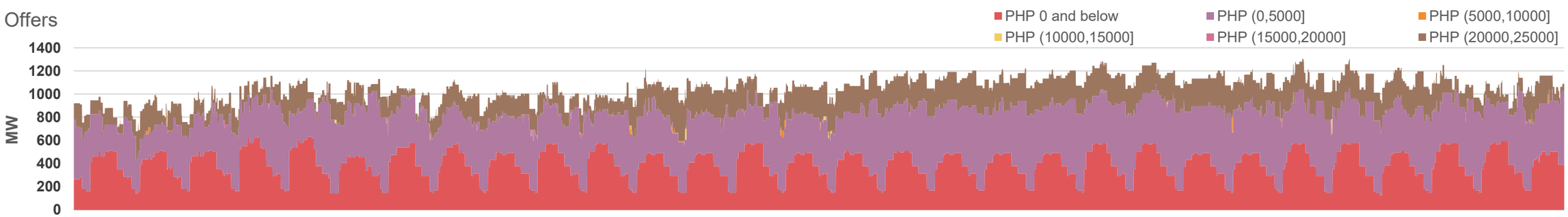
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

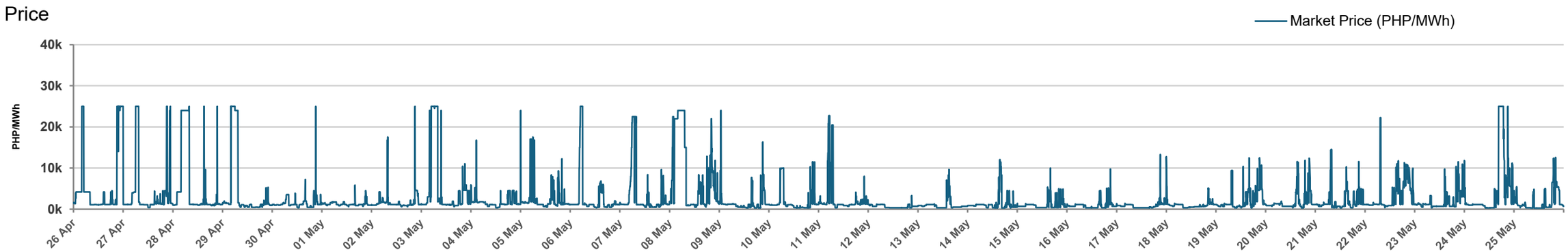
Requirement and Schedule



Offers



Price



PUBLIC

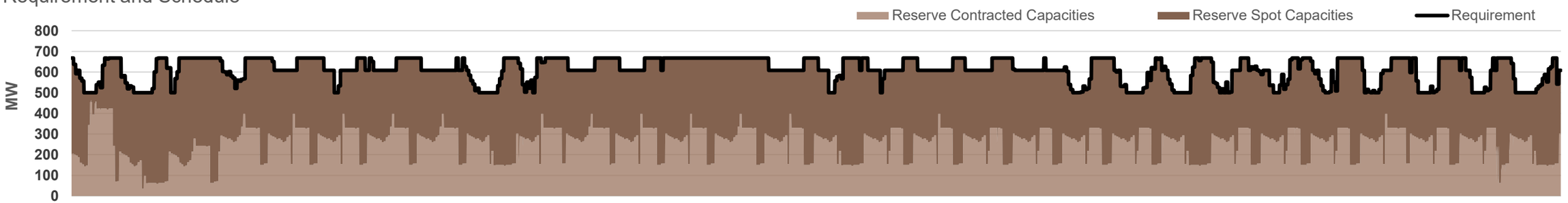
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

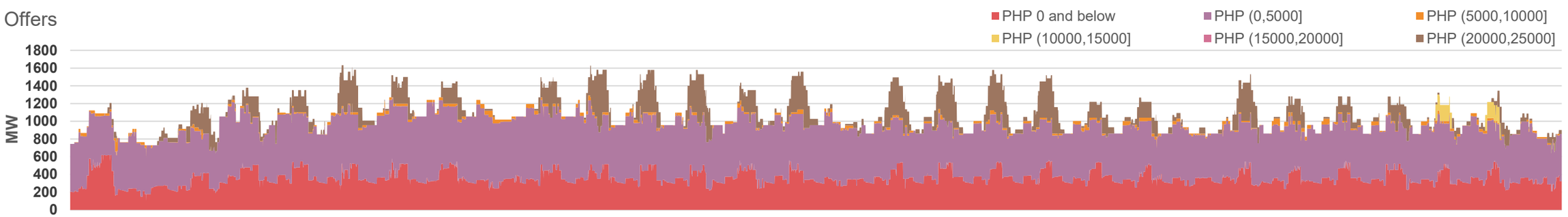
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

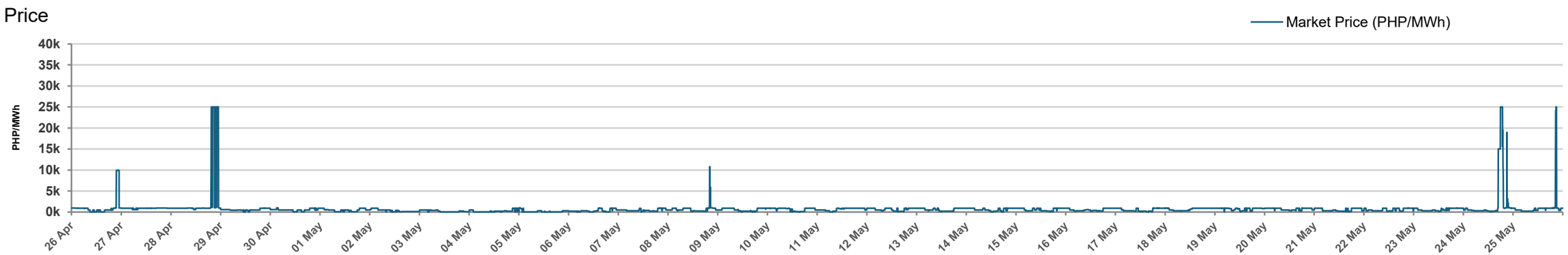
Requirement and Schedule



Offers



Price



PUBLIC

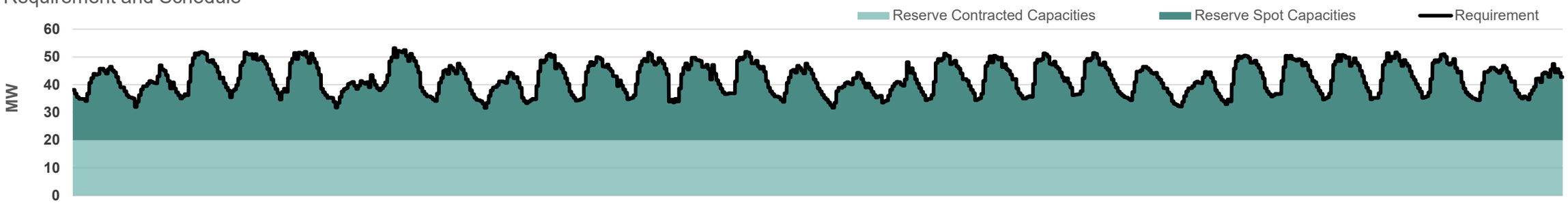
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

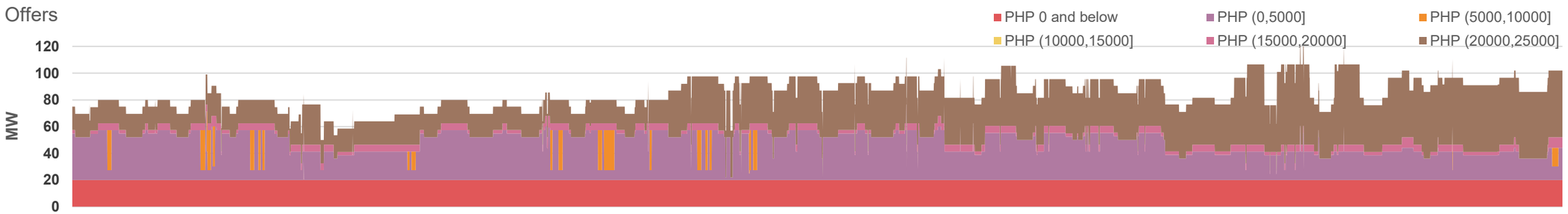
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

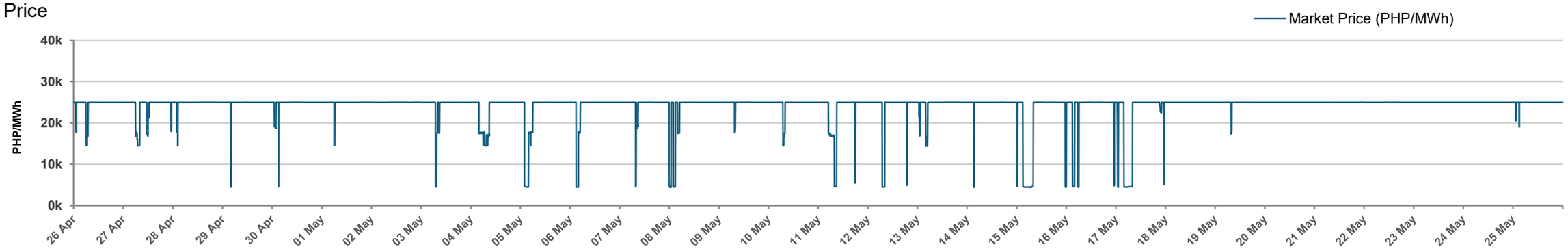
Requirement and Schedule



Offers



Price



PUBLIC

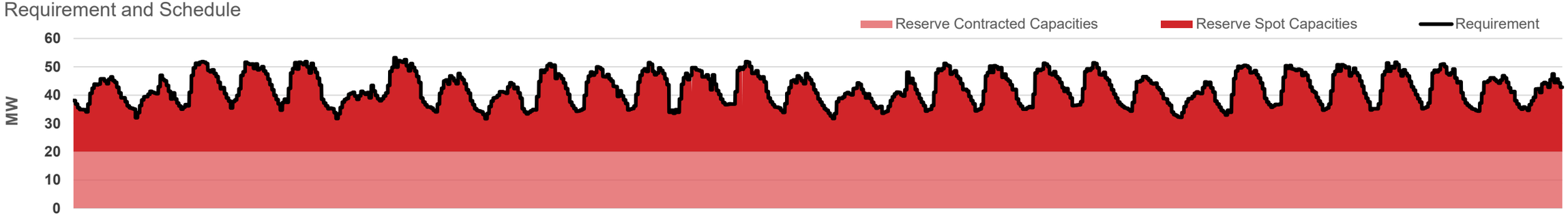
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

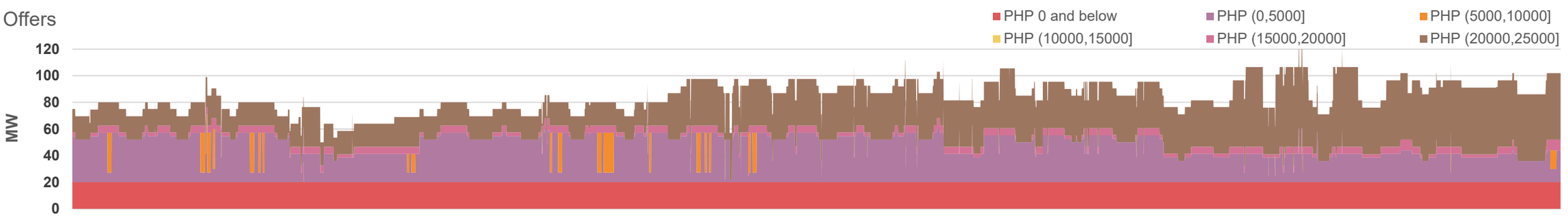
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

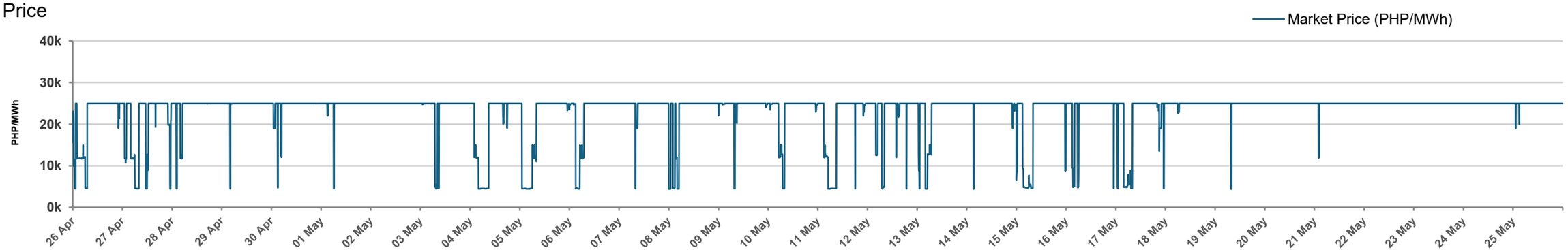
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

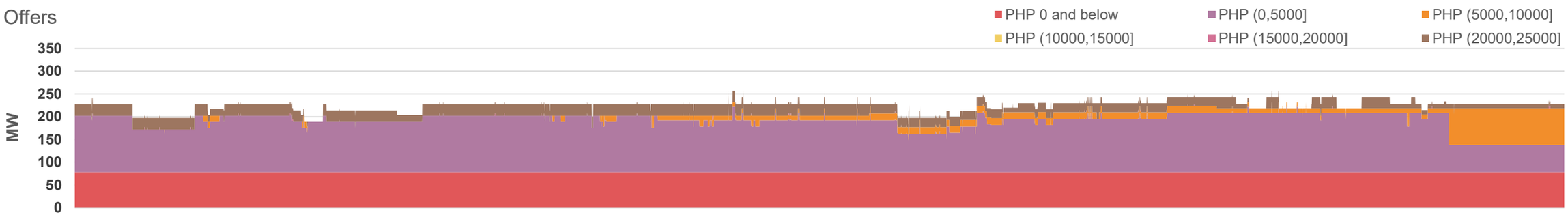
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

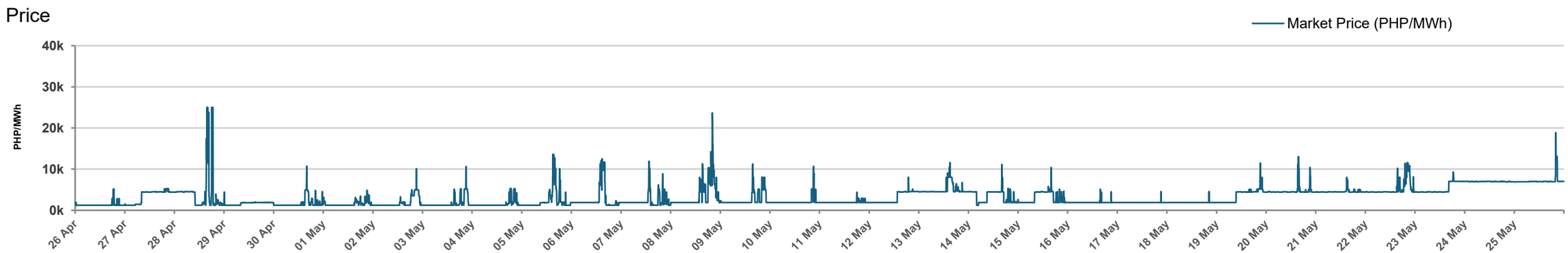
Requirement and Schedule



Offers



Price



PUBLIC

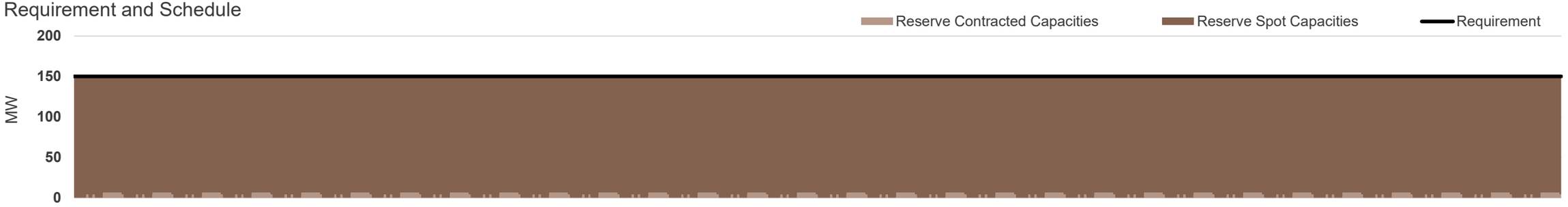
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

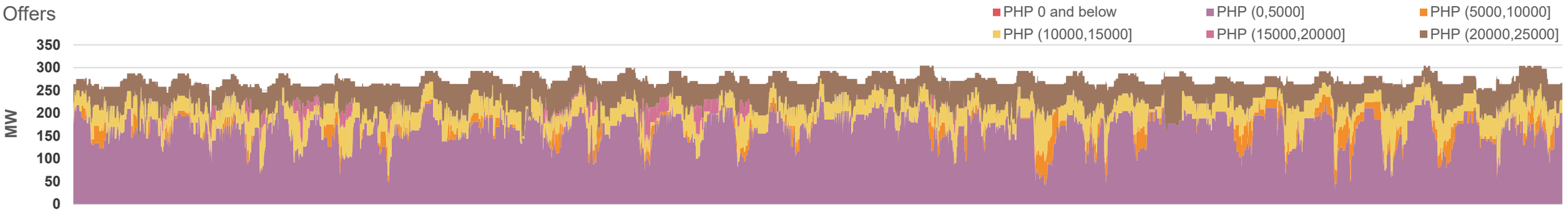
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

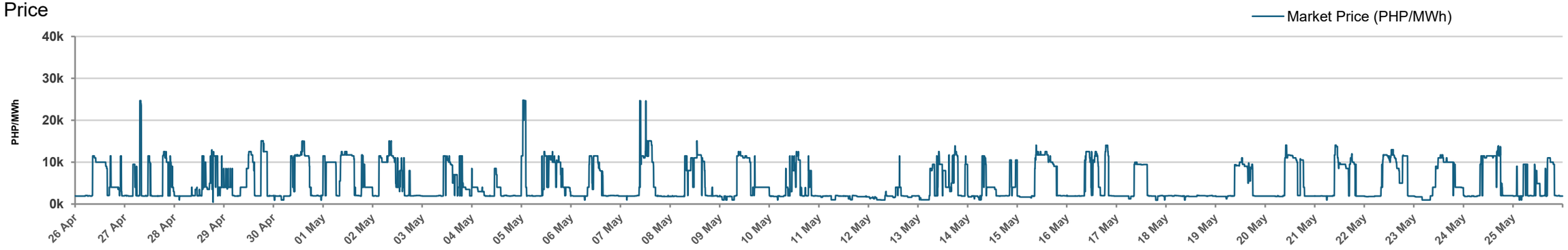
Requirement and Schedule



Offers



Price



PUBLIC

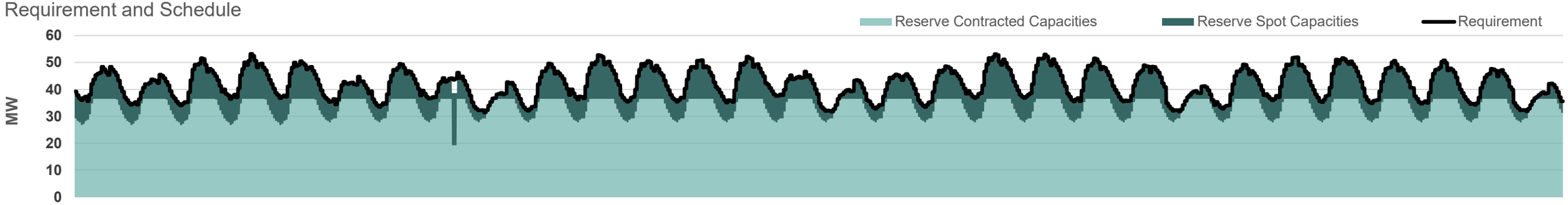
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

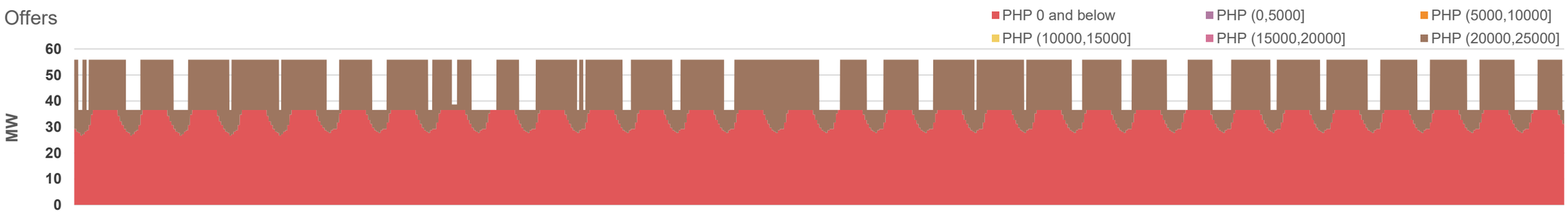
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

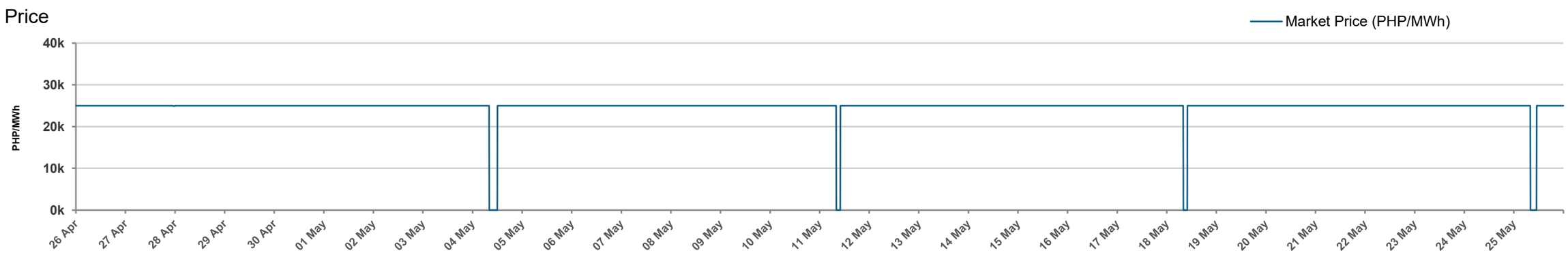
Requirement and Schedule



Offers



Price



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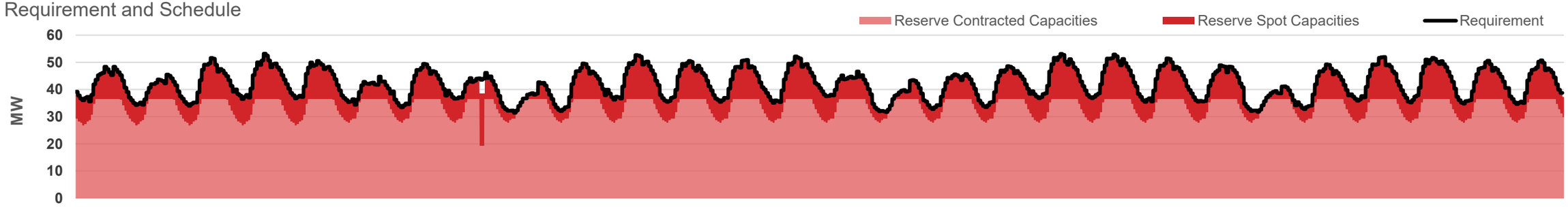
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

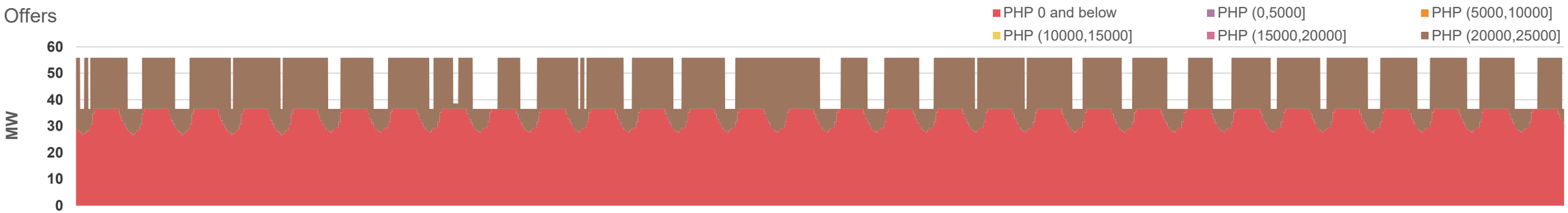
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

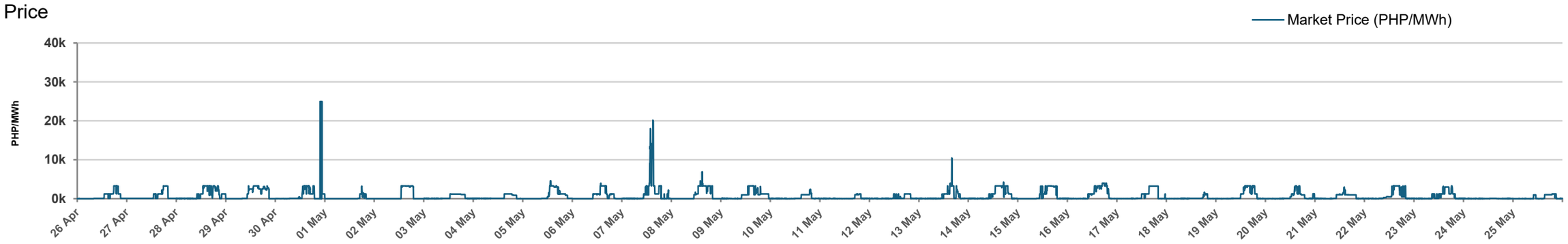
Requirement and Schedule



Offers



Price



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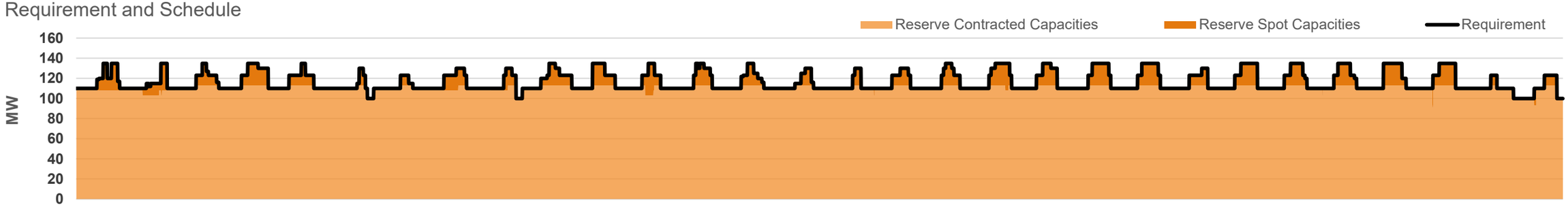
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

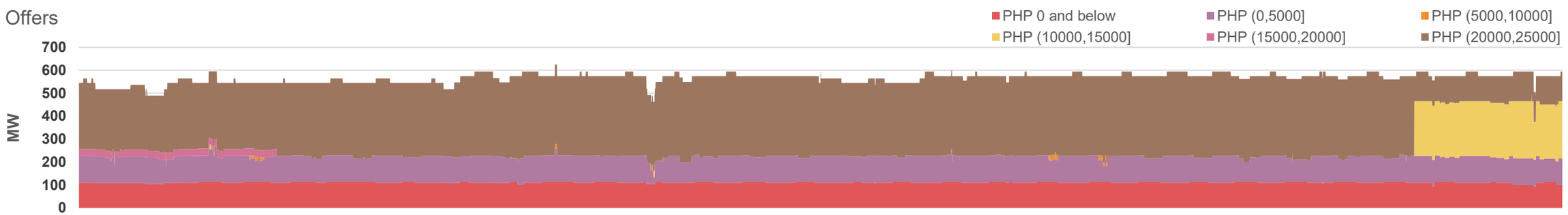
Philippine Electricity Market Corporation

MINDANAO - CONTINGENCY

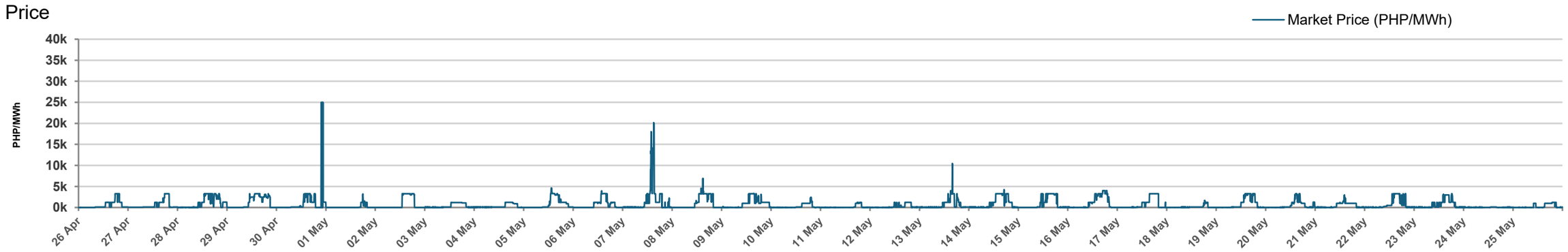
Requirement and Schedule



Offers



Price



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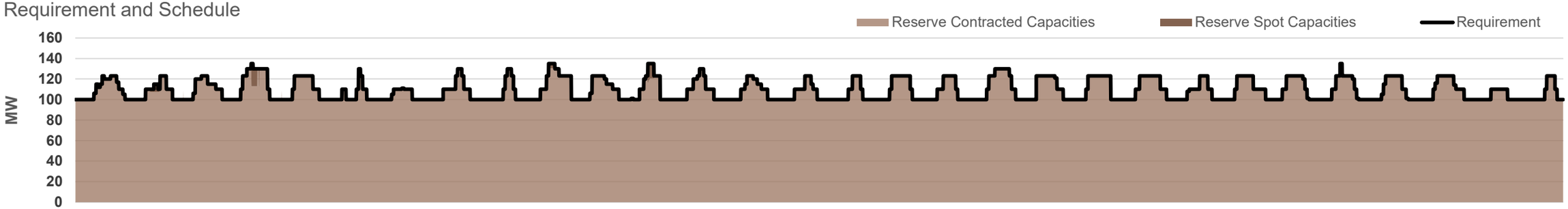
MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

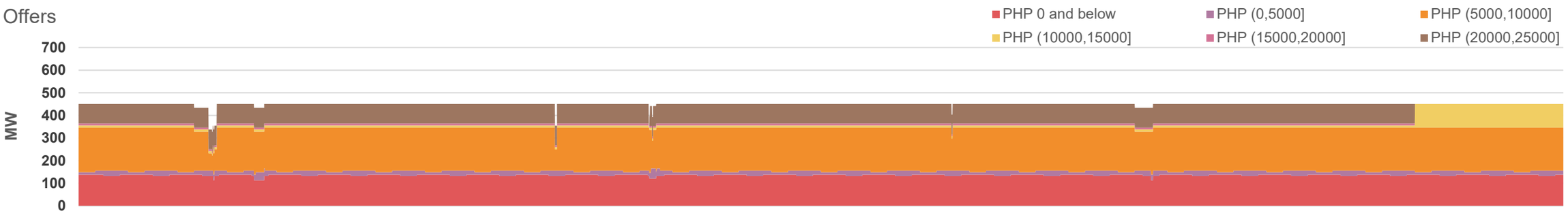
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

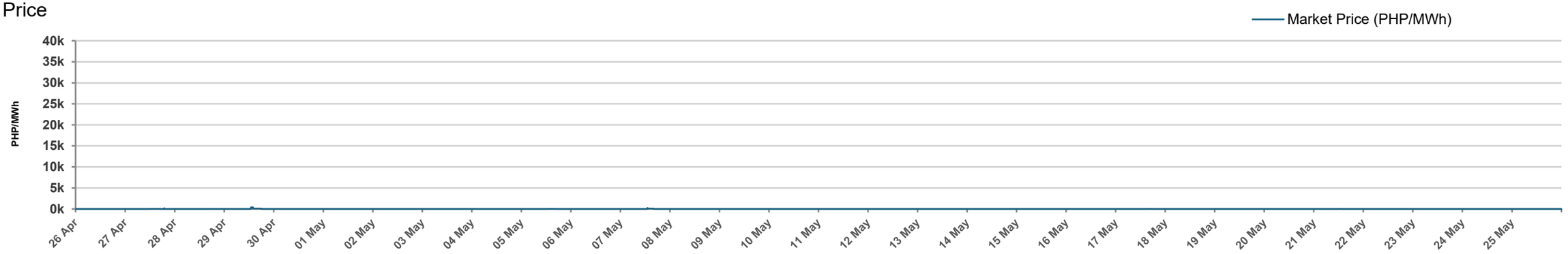
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET

26 April - 25 May 2025

Philippine Electricity Market Corporation

Particulars	Reserve Schedule				Reserve Requirement Gap				Month-on-Month % Change	Market Price (in PHP/MWh)			Month-on-Month % Change
	Reserve Contracted Capacities		Reserve Spot Capacities										
	Average Capacity (in MW)	% Share	Average Capacity (in MW)	% Share	Min (in MW)	Max (in MW)	(Total no. of Interval/s)	(% of Time)		Min	Max	Ave	
Regulating Up													
Luzon	184.32	86%	37.26	17%	0.10	211.50	2,266	26%	30.94%▼	0.00	25,000.00	11,136.88	24.68%▲
Visayas	20.00	47%	22.36	53%	0.10	31.90	4,768	55%	38.32%▲	4,420.00	25,000.00	24,283.85	2.82%▼
Mindanao	33.41	80%	22.36	53%	0.01	35.53	4,210	49%	3.46%▼	0.00	25,000.00	24,677.95	2.28%▲
Regulating Down													
Luzon	184.68	86%	36.97	17%	0.40	211.50	2,225	26%	29.37%▼	0.00	25,000.00	11,843.98	50.23%▲
Visayas	20.00	47%	22.36	53%	0.10	21.90	1,053	12%	69.20%▼	4,410.00	25,000.00	23,583.54	5.61%▼
Mindanao	33.41	80%	8.57	20%	0.01	35.53	4,210	49%	3.48%▼	0.00	25,000.00	24,678.31	2.28%▲
Contigency													
Luzon	385.00	60%	273.78	43%	0.10	668.00	353	0.04	18.46%▲	265.00	25,000.00	2,637.45	53.83%▼
Visayas	78.09	52%	71.91	48%	0.10	150.00	14	0.00	22.22%▼	1,120.00	24,999.00	3,157.88	74.41%▼
Mindanao	110.52	95%	6.26	5%	0.10	100.00	235	0.03	31.29%▼	0.00	25,000.00	735.88	34.94%▼
Dispatchable													
Luzon	254.30	43%	356.65	60%	0.10	608.00	601	7%	25.71%▼	0.00	25,000.00	773.55	51.57%▼
Visayas	2.86	2%	147.14	98%	0.10	150.00	632	7%	19.47%▲	432.00	24,789.00	4,717.10	30.16%▲
Mindanao	108.76	100%	0.24	0%	0.10	100.00	515	6%	75.96%▼	0.00	400.00	2.26	86.73%▼

PUBLIC

ANNEX
OUTAGE SUMMARY
26 April - 25 May 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
BAT	03LUMBAN_BAT	50	12/24/2024 0:16			Maintenance	Ongoing testing and commissioning.
BAT	01MAGAPIT_BAT	40	10/16/2024 18:10	5/1/2025 5:26	197	Forced	For retesting by Noah Unida.
BAT	01MAGAPIT_BAT	40	5/1/2025 18:21			Forced	Waiting for testing and commissioning schedule.
BIOF	01GIFT_G01	12	5/3/2025 7:59	5/4/2025 1:15	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01GIFT_G01	12	5/5/2025 21:05	5/6/2025 7:21	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01IPOWER_G02	10.8	4/25/2025 12:01	4/29/2025 8:01	4	Forced	Unplanned shutdown due to induced fan valve trouble.
BIOF	01IPOWER_G02	10.8	5/5/2025 21:05	5/6/2025 7:04	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01IPOWER_G01	10.8	5/5/2025 21:05	5/6/2025 4:02	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01GRGOLD_G01	10.8	5/5/2025 21:05	5/6/2025 4:41	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01GRGOLD_G01	10.8	5/9/2025 22:05	5/18/2025 6:01	9	Forced	Fuel filling conveyor problem
BIOF	01IPOWER_G02	10.8	5/18/2025 19:01			Forced	Emergency shutdown due to Electrostatic Precipitator trouble
BIOF	01GIFT_G02	6	3/31/2025 0:04	5/3/2025 0:00	33	Planned	APM
BIOF	01GIFT_G02	6	5/3/2025 0:00			Forced	Extended outage
BIOF	01VSGRIP_G01	5.4	5/5/2025 21:05	5/6/2025 5:16	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	03BBEC_G01	5	4/23/2025 7:19	5/13/2025 18:56	20	Forced	Electro priciperator trouble.
BIOF	03BBEC_G01	5	5/14/2025 19:17			Forced	Affected by the outage of Naga-Lagonoy 69kV line.
BIOF	01ACNPC_G01	3.2	5/14/2025 16:00	5/15/2025 16:40	1	Forced	Affected by the line outage of TEI.
BIOF	01TRUSTBIO_G01	1.7	4/29/2025 18:59	4/30/2025 5:00	1	Forced	Emergency shutdown due to unusual generator noise.
BIOF	01TRUSTBIO_G01	1.7	5/5/2025 16:15			Forced	Emergency shutdown due to Unusual sound on Main Genset
BIOF	02PNGEA_G01	0.6	3/10/2025 16:30	5/5/2025 16:35	56	Forced	Defective relay module for control system main breaker.
BIOF	02PNGEA_G01	0.6	5/6/2025 10:04			Forced	Shutdown for final testing of relay breaker.
COAL	01SUAL_G02	647	5/25/2025 0:47			Forced	Boiler tube leak
COAL	01MARVEL_G02	316	5/3/2025 6:01	5/10/2025 23:16	7	Forced	Emergency shutdown due to boiler tube leak.
COAL	01MSINLO_G03	307.2	5/6/2025 6:14	5/7/2025 3:50	1	Forced	Master fuel trip.
COAL	03CALACA_G01	240	5/24/2025 15:36			Forced	Suspected boiler tube leak.
COAL	03SLTEC_G01	122	5/23/2025 4:07			Forced	Emergency shutdown due to boiler tube leak
GEO	03MGPP_G01	20	5/4/2025 13:38	5/5/2025 13:36	1	Forced	Tripped due to load shedding relay actuation
GEO	03BACMAN_U03	20	5/8/2025 16:36	5/9/2025 1:38	1	Forced	Tripped due to control valve problem.

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				Luzon			
GEO	03TGPP_G01	16.7	3/12/2025 21:13	4/29/2025 20:37	48	Forced	Shutdown due to booster pump trouble
GEO	03TGPP_G01	16.7	4/29/2025 21:31	5/1/2025 16:15	2	Forced	Tripped due to recuperator level high.
GEO	03TGPP_G01	16.7	5/1/2025 16:57	45779.70069	1	Forced	High pentane level. Emergency shutdown.
GEO	03ORMAT_G01	3	4/30/2025 14:52	5/2/2025 2:01	2	Forced	Low brine parameter
GEO	03ORMAT_G01	3	4/30/2025 21:11	5/1/2025 1:34	1	Forced	Low brine parameter
HYD	03KAL_G04	185	5/12/2025 23:39	5/13/2025 1:05	1	Forced	Tripped as pump due to thrust bearing high temperature.
HYD	01MAGAT_U04	97	4/26/2025 0:03	4/28/2025 17:55	2	Maintenance	Maintenance Outage until April 28, 2025.
HYD	01MAGAT_U03	97	4/26/2025 0:03	4/28/2025 17:55	2	Maintenance	Maintenance Outage until April 28, 2025.
HYD	01MAGAT_U02	97	4/26/2025 0:03	4/28/2025 22:45	2	Maintenance	Maintenance Outage until April 28, 2025.
HYD	01MAGAT_U01	97	4/26/2025 0:03	4/28/2025 22:45	2	Maintenance	Maintenance Outage until April 28, 2025.
HYD	01MAGAT_U02	97	4/30/2025 10:56	5/1/2025 1:46	1	Forced	Emergency shutdown due to found mixture of water and oil at turbine guide bearing.
HYD	01MAGAT_U02	97	5/24/2025 7:01	5/25/2025 1:15	1	Maintenance	Maintenance outage.
HYD	01PNTBNG_U01	60	4/22/2025 6:00	4/27/2025 15:01	5	Planned	Affected by Planned outage of T01.
HYD	01PNTBNG_U01	60	5/14/2025 17:31	5/15/2025 21:46	1	Forced	Tripped simultaneously with Cabanatuan-Pantabangan 230kV line.
HYD	01BAKUN_G01	37	5/24/2025 6:05	5/25/2025 13:11	1	Maintenance	Affected by the shutdown of Bakun-San Esteban 230kV Line and Bauang-La Trinidad 230kV Line.
HYD	01BAKUN_G01	37	5/25/2025 5:38			Forced	Affected by Planned outage of Bauang-Bakun-San Esteban 230kV Lines.
HYD	03CALIRY_G01	19.85	5/19/2025 8:00	5/25/2025 16:00	6	Planned	Semi Annual PM. Until May25, 2025
HYD	03CALIRY_G01	19.45	5/19/2025 8:00	5/25/2025 16:00	6	Planned	Semi Annual PM. Until May25, 2025
HYD	01MASIWA_G01	12	5/5/2025 21:05	5/6/2025 4:38	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
HYD	03BOTOCA_G01	10	5/23/2025 23:01	5/24/2025 5:26	1	Forced	Tripped due to governor system fault as initial findings.
HYD	01MATUNO_G01	8.7	4/27/2025 19:00	4/28/2025 9:40	1	Forced	Tripped due to control system trouble.
HYD	01MATUNO_G01	8.7	5/4/2025 19:23	5/5/2025 2:10	1	Forced	Tripped due to synchronizing device trouble.
HYD	03BOTOCA_G01	0.8	5/14/2025 3:54	5/15/2025 17:50	1	Forced	Affected by Caliraya-Botocan 115kV Line tripping.
HYD	03BOTOCA_G01	0.8	5/19/2025 22:42	5/20/2025 7:05	1	Forced	Clogged intake gate due to trash.
HYD	03BOTOCA_G01	0.8	5/20/2025 8:20	5/21/2025 15:33	1	Forced	Clogged intake gate due to trash.
HYD	03CLBATO_G01	0.3	4/24/2025 7:00	5/5/2025 15:00	11	Planned	Until May 5, installation of HDPE pipe in head race.
NATG	03EERI_G03	440	4/14/2025 23:34			Maintenance	On testing and commissioning.

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Luzon							
NATG	03EERI_G01	420.6	5/8/2025 18:21	5/9/2025 1:53	1	Forced	Tripped due to high pressure steam temperature high.
NATG	03EERI_G01	420.6	5/25/2025 19:55			Forced	Emergency shutdown due to HP control valve trouble.
NATG	03STA-RI_G04	263	4/30/2025 23:45	5/1/2025 1:34	1	Forced	Shutdown due to hydraulic oil level depletion in the Unit s generator circuit breaker (GCB)
NATG	03STA-RI_G04	263	5/23/2025 23:50	5/25/2025 23:44	2	Maintenance	Shutdown requested by FGPC to perform Sta. Rita 40 on maintenance outage (May 24-25, 2025)
NATG	03ILIJAN_G02	220	5/16/2025 23:57	5/17/2025 19:53	1	Forced	Emergency shutdown to facilitate correction of Level Control Valve (LCV).
NATG	03ILIJAN_G02	190	4/16/2025 2:57	5/5/2025 2:00	19	Forced	Checking of flow control valve
NATG	03ILIJAN_G02	190	5/16/2025 23:45	5/17/2025 17:38	1	Forced	Emergency shutdown to facilitate correction of Level Control Valve (LCV).
OIL	03MALAYA_G01	300	5/3/2019 18:21			Forced	Declared unavailable due to motorization of unit generator caused by the non-opening of
OIL	03MALAYA_G02	130	7/24/2024 21:24			Forced	Tripped due to loss prime of CWP
OIL	02TMOBIL_G01	63.8	4/30/2025 23:10	5/1/2025 4:38	1	Forced	Affected by the shutdown of Malabon-Grace Park 115kV Line.
OIL	02TMOBIL_G03	55.2	4/30/2025 23:10	5/1/2025 4:38	1	Forced	Affected by the shutdown of Malabon-Grace Park 115kV Line.
SOLR	01CAGYSOL_G01	60	5/1/2025 5:10			Forced	Affected by the shutdown of Tuguegarao-Magapit 69kV Line.
SOLR	01ARAYSOL_G01	50	5/12/2025 11:28	5/14/2025 9:45	2	Forced	Affected by the tripping of Mexico - Clark 69kV Line 1
SOLR	01SJSOL_G01	15.3	5/5/2025 21:05	5/6/2025 3:45	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
WIND	01NWIND_G01	32.4	4/22/2025 17:50	4/30/2025 11:00	8	Forced	Power quality test without generation.
Visayas							
BIOF	06VMC_G02	35	5/5/2025 22:40	5/6/2025 0:32	1	Forced	Auto tripped due to turbine bearing trouble.
BIOF	06NTNEGB_G01	25	5/14/2025 19:34			Forced	Shutdown due to conveyor problem.
BIOF	06URC_G01	16	5/7/2025 21:57	5/8/2025 0:12	1	Forced	emergency shutdown due to boiler problem.
BIOF	06BISCOM_G01	12.7	5/12/2025 17:28	5/13/2025 21:39	1	Forced	Shutdown to conduct boiling house injection line repair.
BIOF	06HPCO_G02	9.5	4/28/2025 3:08	4/29/2025 9:06	1	Forced	weekly maintenance
BIOF	06HPCO_G02	9.5	5/4/2025 16:33	5/6/2025 11:06	2	Forced	Weekly maintenance.
BIOF	06HPCO_G02	9.5	5/11/2025 14:42	5/14/2025 20:47	3	Forced	Shutdown due to weekly maintenance.
BIOF	06HPCO_G02	9.5	5/14/2025 23:57	5/15/2025 0:35	1	Forced	Emergency shutdown due to boiler problem.
BIOF	06HPCO_G02	9.5	5/18/2025 4:51	5/20/2025 11:31	2	Forced	Weekly maintenance.
BIOF	06HPCO_G02	9.5	5/24/2025 22:33			Forced	Weekly maintenance shutdown.

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				Visayas			
BIOF	06FFHC_G01	9	4/28/2025 14:05	4/29/2025 11:15	1	Forced	weekly maintenance
BIOF	06FFHC_G01	9	5/4/2025 19:07	5/6/2025 7:36	2	Forced	Weekly maintenance.
BIOF	06FFHC_G01	9	5/12/2025 12:37	5/14/2025 17:35	2	Forced	Weekly maintenance.
BIOF	06FFHC_G01	9	5/19/2025 16:37	5/20/2025 23:26	1	Forced	Shutdown due to weekly maintenance.
BIOF	08CASA_G01	8	5/12/2025 17:31	5/13/2025 4:01	1	Forced	Conduct emergency corrective maintenance checking of de-superheater spray valve
BIOF	06SCBE_G01	7.4	3/31/2023 10:35			Forced	Plant shutdown
BIOF	08CASA_G02	7	4/24/2025 19:39	4/27/2025 16:10	3	Forced	Cut-out due to zero RTD.
BIOF	08CASA_G02	7	5/6/2025 12:30	5/7/2025 23:03	1	Forced	Low exhaust pressure
BIOF	06VMC_G01	2.5	4/21/2024 16:20			Forced	Weekly maintenance.
BIOF	06HPCO_G01	2	11/12/2023 20:00			Forced	Defective auxiliary of vibration meter.
COAL	05THVI_U01	169	4/27/2025 8:57	4/28/2025 3:56	1	Forced	Unit 1 tripped due to high vibration.
COAL	05THVI_U02	169	5/12/2025 13:22	5/13/2025 17:42	1	Forced	Auto-tripped due to low temperature exhaust high
COAL	08PALM_G01	135	5/2/2025 5:58	5/9/2025 21:42	7	Forced	Generator protection activated
GEO	04LEYTE_A	77.5	7/8/2024 5:43			Forced	Due to high vibration
GEO	04LEYTE_A	75.06	4/27/2025 1:35	4/28/2025 2:03	1	Forced	Tripped with reverse power indication.
GEO	04LEYTE_A	75.06	4/28/2025 4:16	4/29/2025 0:02	1	Forced	Manually tripped due to Transformer Circuit Breaker Discrepancy recurring alarm problem
GEO	04LGPP_G01	41	5/5/2025 13:32	5/6/2025 2:14	1	Forced	Emergency shutdown to effect leak repair on upper scrubber steam line.
GEO	06PAL1A_G01	37.5	4/30/2025 23:07	5/1/2025 1:19	1	Forced	Auto-tripped due to hot well pump stopped.
GEO	06PAL1A_G01	37.5	4/30/2025 23:07	5/1/2025 0:58	1	Forced	Auto-tripped due to hot well pump stopped.
GEO	06PAL1A_G01	35.5	4/30/2025 23:07	5/1/2025 1:10	1	Forced	Auto-tripped due to hot well pump stopped.
GEO	04LEYTE_A	30	10/23/2024 8:21			Maintenance	Emergency repair of air-cooled condenser
GEO	04LEYTE_A	27.5	5/22/2025 5:12			Forced	STG 40 shutdown to affect mitigating actions for STG 30 & 40Back Pressure Operation related issues
GEO	06BBGPP_G01	4.7	9/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
GEO	04BILGPP_G01	1	10/5/2024 4:39			Forced	Turbine high vibration trip
HYD	08TIMBA_G01	18	5/23/2025 23:45	5/24/2025 0:03	1	Forced	Affected by a line fault along NGCP line
HYD	04TAFT_G01	5.1	5/5/2025 9:43			Forced	Normal stop insufficient water level.
HYD	04UTH_G01	4.7	4/22/2025 14:29	4/26/2025 4:15	4	Forced	Change-over of unit from 2 to 1.

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			Visayas				
HYD	04UTH_G01	4.7	4/26/2025 1:56	5/16/2025 13:39	20	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV line.
HYD	04UTH_G01	4.7	5/11/2025 16:03	5/12/2025 23:44	1	Forced	normal stop for equipment rest and facilitate water accumulation at the dam
HYD	04UTH_G01	4.7	5/11/2025 23:45	5/12/2025 5:27	1	Forced	normal stop change unit.
HYD	04UTH_G01	4.7	5/16/2025 13:39	5/23/2025 18:19	7	Forced	Change unit.
HYD	07SEVILL_G01	1.25	4/25/2025 12:08	4/29/2025 14:01	4	Forced	Unable to increase the load.
HYD	07SEVILL_G01	1.25	4/29/2025 17:19	5/1/2025 13:01	2	Forced	Force cut-out from the system due to change unit.
HYD	07SEVILL_G01	1.25	5/3/2025 19:04	5/4/2025 2:29	1	Forced	Affected by the tripping of Ubay-Garcia-Tagbilaran 69kV line.
HYD	07LOBOC_G02	1.2	5/8/2025 23:44			Forced	NETWORK TRIP (Thytronic NV10 protection).
HYD	07LOBOC_G02	1.2	5/14/2025 22:41	5/15/2025 13:00	1	Forced	Emergency shutdown of Tagbilaran-Loboc 13.8kV line due to replacement of broken insulator.
HYD	06AMLA_G01	0.45	5/12/2025 21:32			Forced	Auto-tripped.
HYD	06AMLA_G01	0.45	5/15/2025 20:07	5/16/2025 12:13	1	Forced	Isolated due to tripping of Amlan-AHEP 34.5kV line.
HYD	06AMLA_G01	0.45	5/20/2025 9:03			Forced	Replacement of 13.8kV PCB at Amlan SS and replacement of 34.5kV LA for Amlan-APP 34.5kV Line at Amlan SS side.
HYD	07LOBOC_G01	0.4	5/14/2025 22:40	5/15/2025 0:16	1	Forced	Emergency shutdown of Tagbilaran-Loboc 13.8kV line due to replacement of broken insulator.
OIL	07BIDPP_G01	57	4/3/2025 9:47	5/7/2025 11:47	34	Forced	Maintenance
OIL	07BIDPP_G01	57	5/10/2025 9:05			Forced	Implement maintenance of 13.8 KV switchgear
OIL	05EAUC_U01	11.5	5/13/2024 22:55			Forced	CYLINDER NO. 7 CRANKCASE EXPLOSION
OIL	05EAUC_U04	11.5	4/24/2025 23:44	4/28/2025 18:10	4	Forced	Shutdown due to unusual sound
OIL	05EAUC_U04	11.5	4/28/2025 21:18	5/5/2025 10:20	7	Forced	Manually cut-out due to abnormal sound observed
OIL	05EAUC_U04	11.5	5/7/2025 11:54	5/12/2025 18:15	5	Forced	Unit did not cut in after reaching its rated speed due to abnormal sound at turbo charger B bank.
OIL	05EAUC_U04	11.5	5/14/2025 14:25	5/15/2025 15:00	1	Forced	Unit failed to start due to charge air cooler water leak.
OIL	05EAUC_U04	11.5	5/15/2025 15:49	5/22/2025 9:02	7	Forced	Normally shutdown due to abnormal sound at Turbo charger B-Bank
OIL	05EAUC_U03	11.5	5/23/2025 11:37	5/24/2025 23:16	1	Forced	Unit failed to start due to water leak at cylinder B5
OIL	05CARMENDPP_U04	10	8/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining
OIL	07TPLPB4_U02	7	4/28/2025 17:34	4/29/2025 15:41	1	Forced	Hard start.
OIL	08STBPB1_U04	6	4/22/2025 10:30	4/28/2025 10:47	6	Forced	Excessive vibration & abnormal sound @ TC left bank

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Visayas							
OIL	08STBPB1_U02	6	5/16/2025 18:43	5/17/2025 9:35	1	Forced	Synchronization failure
OIL	05TPVI_U06	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	05TPVI_U05	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	05TPVI_U04	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	05TPVI_U03	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	05TPVI_U02	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	05TPVI_U01	5.5	3/31/2025 10:00			Deactivated Shutdo	Decommissioned
OIL	04CLBYBNK_G01	5.5	4/25/2025 13:30	4/26/2025 14:30	1	Forced	tripped due to high lube oil temperature and High temp. water leak.
OIL	04CLBYBNK_G01	5.5	4/29/2025 17:23	5/2/2025 23:00	3	Forced	Due to oil mist
SOLR	04PHSOL_G01	24.5	5/22/2025 18:45	5/23/2025 1:39	1	Forced	Affected by PMS of Main transformer instrumentation and clearing of vegetation.
SOLR	06SACASL_G01	19.5	4/28/2025 18:39	4/29/2025 0:17	1	Forced	PMS of San Carlos - SACASOL AB 69KV Line (CO).
WIND	08SLWIND_G01	52.9	5/10/2025 23:32	5/11/2025 1:40	1	Forced	Auto tripped due to line fault
WIND	08PWIND_G01	36.7	5/4/2025 21:48	5/5/2025 5:37	1	Forced	Affected by a line fault along 69kV Nabas-PPC3 TL.
WIND	08PWIND_G02	13.2	5/4/2025 21:48	5/5/2025 15:48	1	Forced	Affected by a line fault along 69kV Nabas-PPC3 TL.
Mindanao							
BIOF	14BIOGS_G01	12.4	4/25/2025 23:50	4/26/2025 17:25	1	Forced	Low Methane quality led to engine tripping
BIOF	14BIOGS_G01	12.4	5/1/2025 23:30	5/2/2025 2:00	1	Forced	Auto tripped due to Low Methane quality.
BIOF	11CRYSSUG_G01	8	4/27/2025 0:00	4/28/2025 15:10	1	Forced	To conserve steam for the liquidation process in the boiling house as part of the weekend
BIOF	11CRYSSUG_G01	8	5/4/2025 0:00	5/5/2025 16:00	1	Forced	Affected by shutdown of sugar factory.
BIOF	11CRYSSUG_G01	8	5/11/2025 0:00	5/12/2025 16:00	1	Forced	Affected by shutdown of sugar factory.
BIOF	11CRYSSUG_G01	8	5/18/2025 0:00	5/19/2025 16:00	1	Forced	Affected by shutdown of sugar factory.
BIOF	11CRYSSUG_G01	8	5/25/2025 0:00			Forced	Weekend scheduled shutdown for factory equipment maintenance.
BIOF	09LIBPOWR_G01	6	5/23/2025 20:18	5/24/2025 0:02	1	Forced	Isolated. Due to the forced outage of Aurora-Magangon 69kV Line.
BIOF	14BIOMS_U01	5.7	10/8/2024 15:56			Forced	Tripped due to SOCOTECO 1 69KV(SRB)line power outage.
BIOF	14COTSUGR_G01	3.4	5/11/2025 6:30	5/12/2025 7:40	1	Forced	Plant shutdown due to mill problem.
COAL	14SARANG_U01	122	5/20/2025 15:58	5/21/2025 0:13	1	Forced	Tripped. Affected by forced outage of Gensan - Tinoto 69kV Lines 1 & 2.
COAL	11STEAG_U01	105	4/30/2025 16:52	5/1/2025 1:12	1	Forced	Auto tripped with 58.4MW generation loss caused by Mill 1B failure.
COAL	11STEAG_U01	105	4/30/2025 16:52			Forced	Tripped with 58.44MW generation. Indication Mill 1B Tripped.

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				Mindanao			
COAL	10PPEI_U01	24.1	5/3/2025 7:57	5/18/2025 21:16	15	Forced	Excessive leaking and waggling of Condensate Extraction Pump.
COAL	10PPEI_U01	24.1	5/23/2025 20:11			Forced	Plant outage is due to trouble leaking on the Condensate Extraction Pump.
GEO	14MTAPO_U03	3.6	5/17/2025 16:35	5/18/2025 20:19	1	Forced	Plant tripped due to low air pressure from the compressor.
HYD	10AGUS2_U01	60	5/17/2025 8:06			Planned	PMS. (GOMP). ETC 05 31 2025 23 59
HYD	10AGUS1_U02	35	4/26/2025 8:00	4/27/2025 18:27	1	Planned	Shutdown for PMS-GOMP. (ETC April 27, 2025)
HYD	10AGUS6_U02	34.5	4/19/2025 8:35	5/25/2025 23:59	36	Forced	Plant tripped due to generator oil leak.
HYD	10AGUS6_U01	34.5	5/17/2025 9:02	5/19/2025 21:25	2	Forced	Plant Shutdown. (Non-GOMP). ETC 05 19 2025 23 59
HYD	10AGUS6_U02	34.5	5/26/2025 0:00			Planned	PMS (GOMP). Note Forced Outage since April 19, 2025. ETC May 30, 2025
HYD	11MANFOR_G01	16.2	5/7/2025 7:46	5/10/2025 1:11	3	Planned	Plant shutdown for Planned Outage. (PMS-GOMP) ETC May 12, 2025
HYD	11MANFOR_G01	16.2	5/8/2025 7:12	5/9/2025 23:04	1	Planned	Planned Outage. PMS-GOMP. ETC May 21, 2025
HYD	14SIGHYDRO_G01	14.5	5/2/2025 6:00			Forced	Planned Shutdown. (NON-GOMP)
HYD	13SIBULAN_G01	14	4/26/2025 13:34	4/28/2025 1:42	2	Forced	Plant shutdown for the replacement of DE Bearing.
HYD	13SIBULAN_G01	14	5/17/2025 9:03	5/19/2025 0:30	2	Forced	Plant shutdown due to replacement of DE bearing.
HYD	11MANFOR_G01	6.6	5/7/2025 7:07	5/10/2025 22:53	3	Planned	Plant shutdown for Planned Outage. (PMS-GOMP) ETC May 12, 2025
HYD	11MANFOR_G01	6.6	5/8/2025 7:12	5/9/2025 22:45	1	Planned	Planned Outage. PMS-GOMP. ETC May 12, 2025
HYD	13TUDAY2_G01	5.5	5/21/2025 0:04			Planned	PMS (GOMP). ETC 05 28 2025
HYD	13EUROH_G01	3	4/19/2025 6:31	4/27/2025 12:00	8	Forced	Plant isolated due to transmission line fault.
HYD	13EUROH_G01	3	5/24/2025 6:38	5/25/2025 8:45	1	Forced	Plant shutdown due to NORDECO brownout.
HYD	13EUROH_G01	3	5/25/2025 8:45			Forced	Plant shutdown due to busted AVR.
HYD	14ALMADA_G01	2.6	4/26/2025 8:20	4/30/2025 9:55	4	Forced	Plant shutdown due to COTELCO PPalma line fluctuation
HYD	14ALMADA_G01	2.6	4/30/2025 18:39	5/1/2025 4:50	1	Forced	Plant isolated due to COTELCO PPALMA feeder outage.
HYD	14ALMADA_G01	2.6	5/21/2025 12:35	5/22/2025 0:20	1	Forced	Plant isolated due to COTELCO PPALMA s feeder outage.
HYD	13TUDAY2_G01	2.5	5/21/2025 0:03			Planned	PMS (GOMP). ETC 05 28 2025
HYD	13TALOM23_G01	0.93	5/1/2025 23:26	5/2/2025 0:35	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder.
HYD	13TALOM23_G01	0.93	5/1/2025 23:26	5/2/2025 0:30	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder.
HYD	13TALOM23_G01	0.93	5/13/2025 1:02	5/20/2025 23:59	7	Planned	PMS(GOMP). ETC May 20, 2025
HYD	13TALOM23_G01	0.93	5/13/2025 1:03	5/18/2025 23:49	5	Planned	PMS(GOMP). ETC May 20, 2025

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ANNEX
OUTAGE SUMMARY
26 April - 25 May 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Mindanao			
HYD	13TALOM23_G01	0.93	5/21/2025 0:00			Forced	Extended PMS(GOMP). ETC May 25, 2025.
HYD	14MARBEL_U01	0.5	4/25/2025 4:22	4/28/2025 11:00	3	Forced	plant shutdown due to overheat bearing temperature
HYD	14MARBEL_U01	0.5	4/29/2025 14:52			Forced	Plant isolated due to SOCOTECO 1 feeder outage.
HYD	13TALOM1_G01	0.5	5/16/2025 22:09	5/18/2025 1:53	2	Forced	Plant shutdown due to clogged weir intake. (Forced outage)
HYD	13TALOM23_G01	0.44	5/1/2025 23:26	5/2/2025 0:59	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
HYD	13TALOM23_G01	0.3	5/1/2025 23:26	5/2/2025 0:53	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
HYD	13TALOM23_G01	0.2	5/1/2025 23:26	5/2/2025 2:16	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
HYD	13TALOM23_G01	0.2	5/1/2025 23:26	5/2/2025 2:18	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
HYD	13TALOM23_G01	0.2	5/1/2025 23:26	5/2/2025 2:13	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
HYD	13TALOM23_G01	0.2	5/1/2025 23:26	5/2/2025 0:50	1	Forced	Plant isolated due to tripping of DLPC Tugbok 2 feeder
OIL	14PKPSOC_G01	34.9	5/2/2025 6:00	5/10/2025 8:44	8	Forced	Planned Shutdown.
OIL	12KEGGIN_G01	10.6	4/15/2024 15:05			Forced	Failed to synchronize due to low SF6 Pressure on PCB.

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ANNEX
CONGESTED LINES AND EQUIPMENT

26 April - 25 May 2025

Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
1MEXI_1HER2	55	0.6%
1MEXI_1HER1	37	0.4%
1SUP_TR1	15	0.2%
6PGPP1_TR3	15	0.2%
6PGPP1_TR2	15	0.2%
1MALOLO_TR1	9	0.1%
6PGPP1_TR1	2	0.0%

GLOSSARY OF TERMS

Philippine Electricity Market Corporation

CAPACITY ON OUTAGE

Calculated for each 5-min interval as the sum of the capacity of all generating units on outage, which are further distinguished by plant type and category. The generating unit/s on outage and categories of outage are based on the SO's daily operations report. Cited below are the outage categories as defined in ERC Resolution No. 21, Series of 2016.

Deactivated Shutdown	- Refers to a condition where a generating unit is unavailable for service for an extended period of time for reasons not related to equipment and inactive for more than 60 days.
Forced	- An outage that requires immediate removal of a unit from service, another outage state, or a reserve shutdown state.
Maintenance	- An outage that does not require immediate removal from the In-Service state but requires a Unit to be removed from the available state before the next planned outage. This is scheduled at least seven (7) days in advance.
Planned	- The state in which a Unit is unavailable due to inspection, testing, preventive maintenance or overhaul. A Planned Outage is scheduled with a pre-determined duration and is coordinated with the System Operator. The Planned Outage of a Unit shall be reflected in the Grid Operating and Management Program (GOMP).

DEMAND

Calculated for each 5-minute trading interval as the sum of the real time dispatch (RTD) schedule of all load resources plus regional losses.

EFFECTIVE SUPPLY

Calculated for each 5-minute trading interval as the sum of the offered capacity of all scheduled generators considering their offered ramp rates, nominated loading level of nonscheduled generators and projected output of preferential dispatch generators, adjusted for any over-riding constraints imposed by the System Operator (SO), and reserve offers. Output of generators on testing and commissioning were considered based on the over-riding constraints imposed by the SO.

HERFINDAHL-HIRSCHMAN INDEX (HHI)

It is a commonly accepted measure of market concentration that takes into account the relative size and distribution of participants in the market. The HHI is a number between 0 and 10,000, which is calculated as the sum of squares of the participant's market share. The HHI approaches zero when the market has very large number of participants with each having a relatively small market share. In contrary, the HHI increases as the number of participants in the market decreases, and the disparity in the market shares among the participants increases. The following are the widely used HHI screening numbers: (1) less than 1,500 - not concentrated; (2) 1,500 to 2,500 - moderately concentrated; and (3) greater than 2,500 - highly concentrated.

MARGINAL PLANT

The last generating unit scheduled to meet the system demand.

MAJOR PARTICIPANT GROUP

The grouping of generators by ownership or control.

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GLOSSARY OF TERMS

Philippine Electricity Market Corporation

MARKET RESIDUAL SUPPLY INDEX (Market RSI)

The RSI is a dynamic continuous index measured as ratio of the available generation without a generator to the total generation required to supply the demand. The RSI is measured for each generator. The greater the RSI of a generator, the less will be its potential ability to exercise market power and manipulate prices, as there will be sufficient capacity from the other generators. In contrary, the lower the RSI, the greater the market power of a generator (and its potential benefit of exercising market power), as the market is strongly dependent on its availability to be able to fully supply the demand. In particular, a RSI greater than 100% for a generator means that the remaining generators can cover the demand, and in principle that generator cannot manipulate market price. On the other hand, a RSI less than 100% means that the generator is pivotal in supplying the demand.

The RSI for the whole market (Market RSI) is measured as the lowest RSI among all the generators in the market. A Market RSI less than 100% indicates the presence of pivotal generator/s

NOMINATED CAPACITY

The available capacity declared by self-scheduled generators.

OFFERED CAPACITY

The available capacity declared by scheduled generators.

PRICING CONDITIONS

A price imposed by the Market Operator to the Market/Trading Participant in cases:

Administered Price (AP)	- Interval affected by the declaration of market suspension and intervention.
Pricing Error Notice (PEN)	- Calculated prices are believed to be inerror due to erroneous, inconsistent, or inappropriate input data.
Price Substitution Methology (PSM)	- Undesirable market pricing situations arising from the effects of network congestion in the power system, particularly during the occurrence of extreme nodal price separation.
Secondary Price Cap (SPC)	- Applied upon breaching the PHP9,000/MWh rolling average price over a seventy-two (72) hours period .

PIVOTAL SUPPLIER INDEX (PSI)

The pivotal supplier index is a binary variable (1 for pivotal and 0 for not pivotal) for each generator. The index identifies whether a generator is pivotal in supplying the demand. The PSI is calculated as the percentage of time that a generator is pivotal in a period (i.e. monthly).

POST MARKET RUN CALCULATION

Price adjustment after consideration of different pricing conditions such as AP, SPC, PSM, and PEN.

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GLOSSARY OF TERMS

Philippine Electricity Market Corporation

REGISTERED CAPACITY
The capacity registered by a generator with WESM.

Coal Natural

REGISTERED CAPACITY (NET OF OUTAGE)
The capacity registered by a generator with WESM less capacity on outage.

RESERVE CATEGORIES

Regulating Up and Down (RU and RD)	- Readily available and dispatchable generating capacity that is allocated exclusively to correct deviations from the acceptable nominal frequency caused by unpredicted variations in demand or generation output.
Contingency (FR)	- Synchronized generation capacity from Qualified Generating Units and Qualified Interruptible Loads allocated to cover the loss or failure of a synchronized generating unit or a transmission element of the power import from a circuit interconnection.
Dispatchable (DR)	- Generating Capacity that are readily available for dispatch in order to replenish the Contingency Reserves whenever a generating unit trips or a loss of a single transmission interconnection occurs.

RESERVE REGISTERED CAPACITY
The maximum capacity registered by a generator in the reserve market.

DISCLAIMER

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