MONTHLY MARKET STATISTICS

AUGUST 2025

(26 July to 25 August 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 July - 25 August 2025

Total Registered Capacity (MW)

29,672 0.06%▼

Previous Month: 29,690

Average Demand (MW)

14,232 1.91%▲

Previous Month: 13,965

Average Capacity Offered/Nominated (MW)

20,448 68.91% of the total Registered Capacity

Previous Month: 20,589

Average Capacity Not Offered/Nominated (MW)

5,490 18.50% of the total Registered Capacity

Previous Month: 5,491

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

4,845 17.62%▲

Previous Month: 4,120

Average Capacity of Plants on Commissioning (MW)

163 0.55% of the total Registered Capacity

Previous Month: 158

Average Capacity on Outage (MW)

3,564 12.01% of the total Registered Capacity

Previous Month: 3,470

Average Effective Supply (MW)

17,200 1.46%▲

Previous Month: 16,952

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MARKET OUTCOME
REGIONAL AT A GLANCE
26 July - 25 August 2025

Philippine Electricity Market Corporation

Luzon

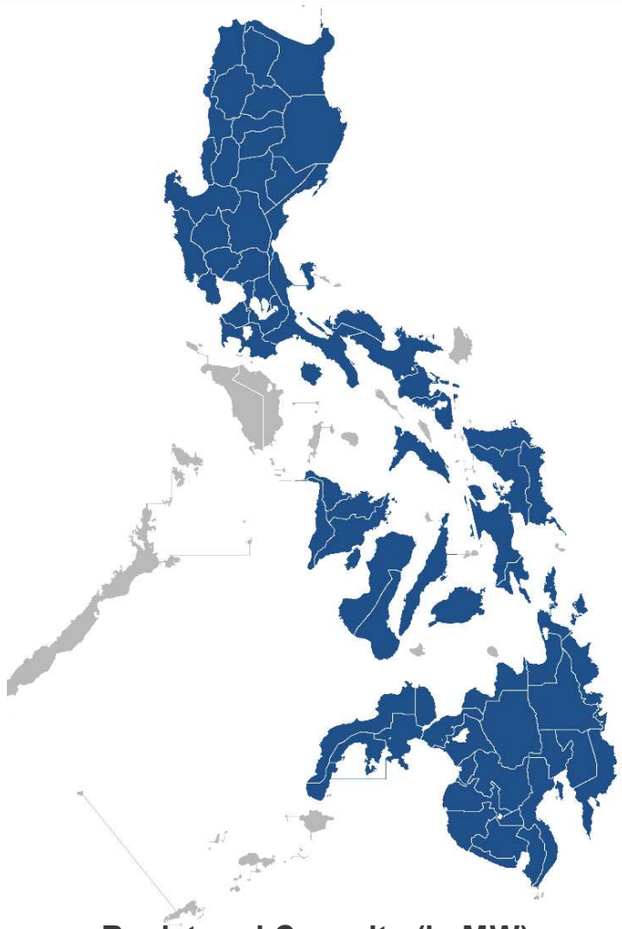
Total Registered Capacity (MW)	21,644.90
Average Effective Supply (MW)	12,077.55
Average Demand (MW)	10,055.93

Visayas

Total Registered Capacity (MW)	3,705.30
Average Effective Supply (MW)	2,486.04
Average Demand (MW)	2,027.71

Mindanao

Total Registered Capacity (MW)	4,321.80
Average Effective Supply (MW)	2,636.86
Average Demand (MW)	2,148.30



Zones	LWAP	Month-on-Month % Change
Northern Luzon	3,928.01	3.65%▼
Metro Manila	3,924.00	4.17%▼
Southern Luzon	3,903.71	2.24%▼
Bohol	7,090.65	53.06%▲
Cebu	6,978.53	53.42%▲
Leyte	7,362.71	59.50%▲
Negros	7,149.34	56.08%▲
Panay	7,376.46	56.55%▲
Lanao	6,320.08	77.39%▲
North Central	6,952.70	85.46%▲
North-East	7,894.90	87.29%▲
North-West	7,613.99	79.34%▲
South-East	7,499.20	87.96%▲
South-West	7,893.66	91.65%▲

Registered Capacity (in MW)

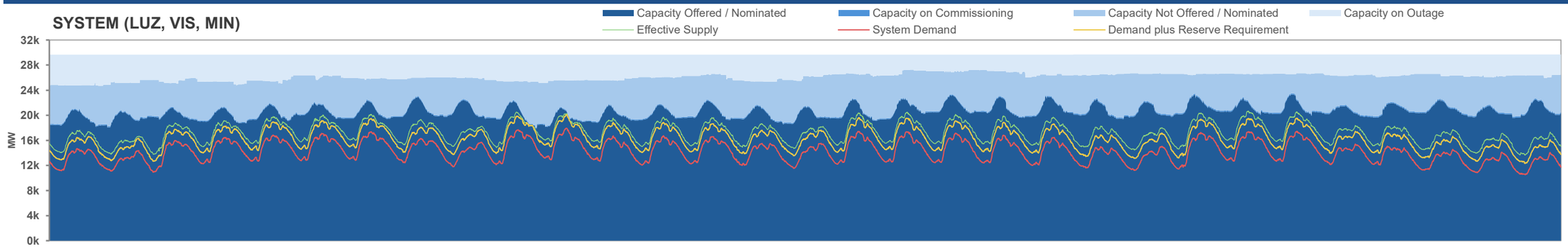
	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,740.60	4,554.50	802.70	2,551.60	1,679.30	465.80	2,251.80	155.60	443.00
Visayas	1,329.70	-	857.00	66.30	452.70	102.80	563.80	194.60	138.40
Mindanao	2,239.60	-	105.00	1,161.50	589.00	-	67.20	59.50	100.00

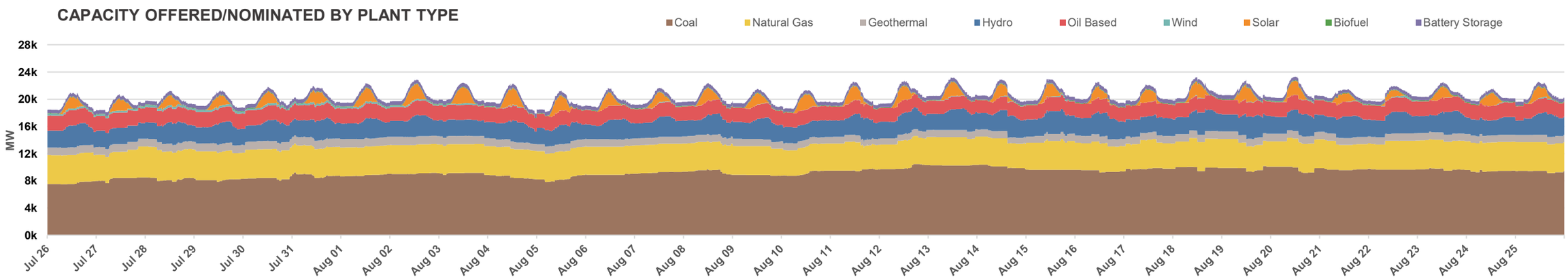
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MARKET OUTCOME
CAPACITY PROFILE

26 July - 25 August 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	13,650.73	08/25/2025 6:25	20,698.97	08/19/2025 14:05	17,200.45	1.46%▲
Luzon	9,144.13	07/28/2025 3:25	14,853.47	08/19/2025 14:05	12,077.55	1.77%▲
Visayas	1,972.75	08/25/2025 4:05	3,001.71	07/30/2025 13:35	2,486.04	0.94%▲
Mindanao	2,042.40	08/24/2025 9:05	3,315.39	07/29/2025 14:15	2,636.86	0.57%▲
Demand Plus Reserve Requirement						
System	12,339.88	08/25/2025 6:35	20,087.66	08/05/2025 14:25	16,208.40	1.53%▲
Luzon	8,569.01	07/28/2025 3:25	14,350.59	08/05/2025 14:25	11,417.26	1.52%▲
Visayas	1,819.33	08/25/2025 4:05	2,939.84	08/01/2025 13:25	2,364.05	1.14%▲
Mindanao	1,784.89	08/24/2025 7:40	3,129.93	07/29/2025 14:00	2,427.09	1.96%▲

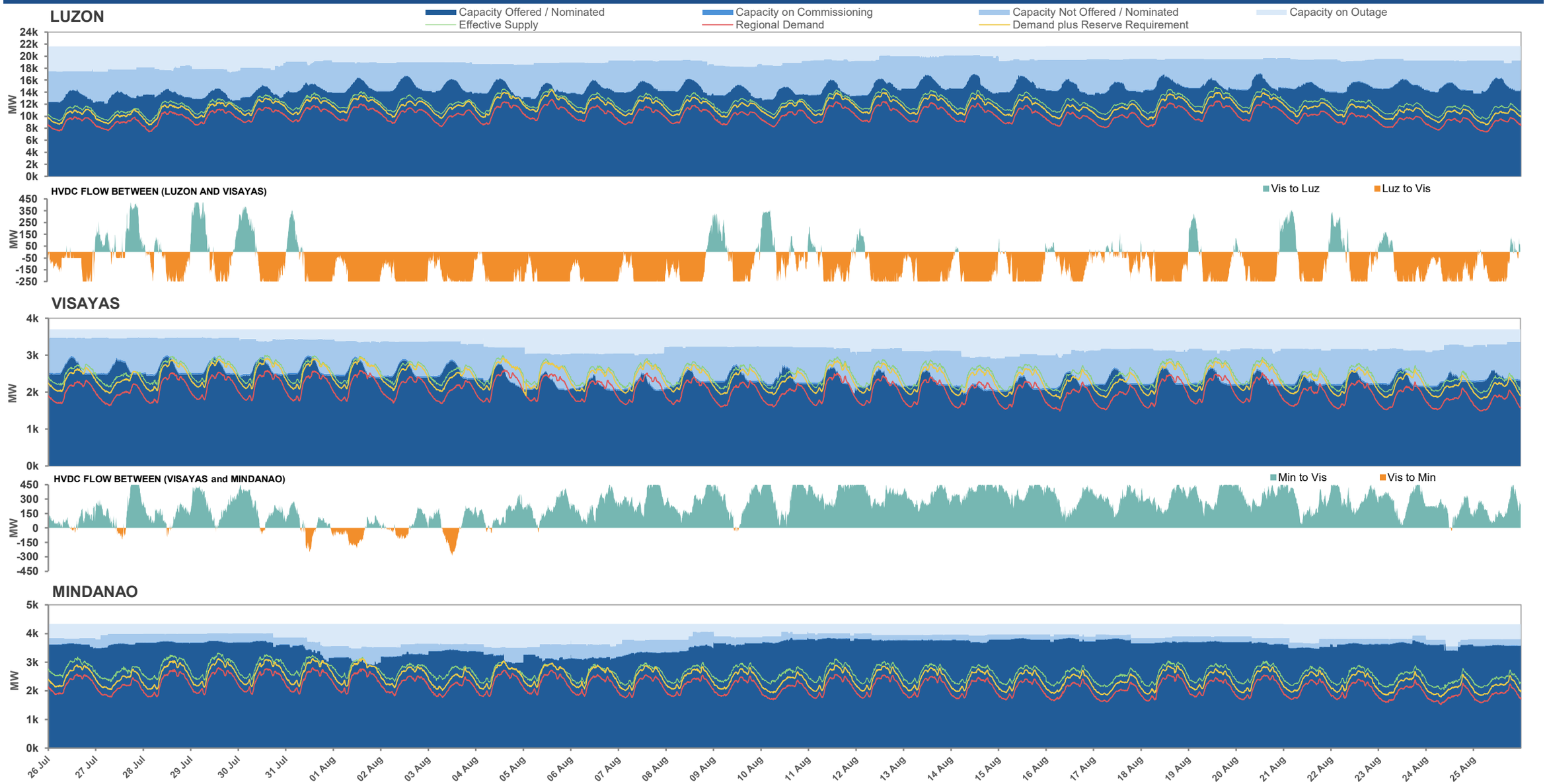
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	7,498.90	07/26/2025 7:05	10,468.80	08/12/2025 16:50	9,188.39	3.52%▼
Natural Gas	3,176.90	08/11/2025 16:30	4,545.40	08/08/2025 23:20	4,113.36	0.15%▲
Geothermal	837.40	08/11/2025 14:45	1,241.00	07/31/2025 9:25	1,084.15	2.68%▼
Hydro	1,838.00	08/04/2025 23:45	3,438.40	08/16/2025 16:45	2,655.03	8.01%▲
Oil Based	1,753.80	08/13/2025 9:35	2,230.80	07/26/2025 0:05	2,116.36	2.55%▼
Wind	1.80	08/06/2025 0:10	341.50	07/28/2025 9:10	97.80	8.23%▲
Solar	0.10	07/28/2025 5:05	2,423.40	08/04/2025 11:45	980.27	23.63%▲
Biofuel	62.30	08/07/2025 6:35	118.40	08/23/2025 9:00	98.49	12.24%▼
Battery Storage	445.30	08/21/2025 16:00	555.30	08/03/2025 11:20	525.16	4.28%▼

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MARKET OUTCOME
CAPACITY PROFILE

26 July - 25 August 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
CAPACITY PROFILE

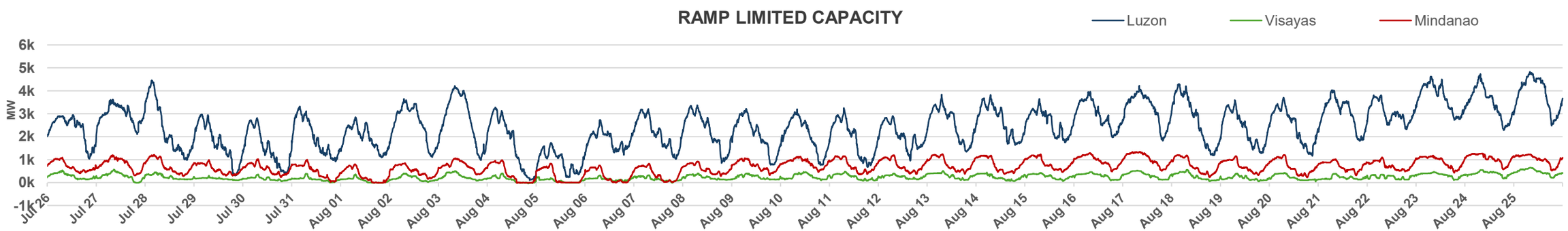
26 July - 25 August 2025

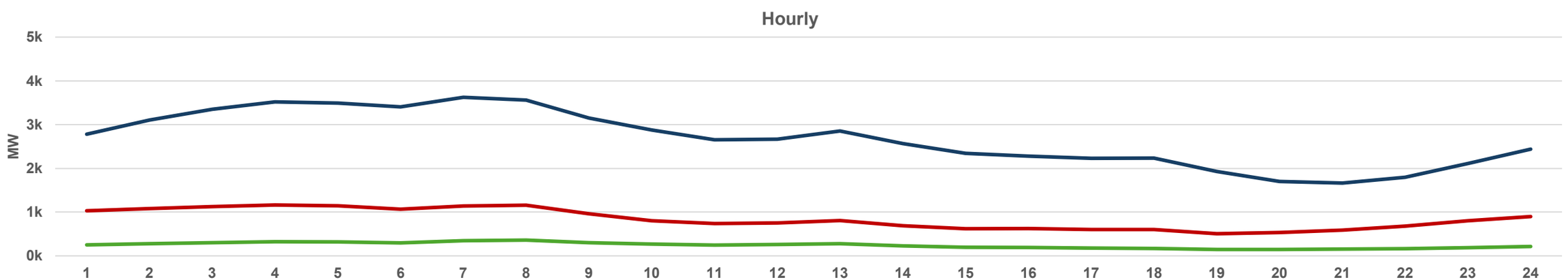
Philippine Electricity Market Corporation

HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	0.21	250.00	80%	75.73%▲
Vis-Luz	0.08	420.00	20%	61.33%▼
Vis-Min	0.08	291.64	9%	102.54%▲
Min-Vis	0.05	450.00	91%	3.91%▼

**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	107.04	08/04/2025 20:55	6,691.61	08/25/2025 7:55	3,367.20	10.45%▼
Luzon	105.49	08/04/2025 20:55	4,828.33	08/25/2025 7:55	2,439.40	9.01%▼
Visayas	- 43.00	08/04/2025 20:05	649.90	08/25/2025 8:30	235.73	2.50%▼
Mindanao	- 14.26	08/04/2025 14:40	1,349.87	08/17/2025 8:25	692.08	17.36%▼

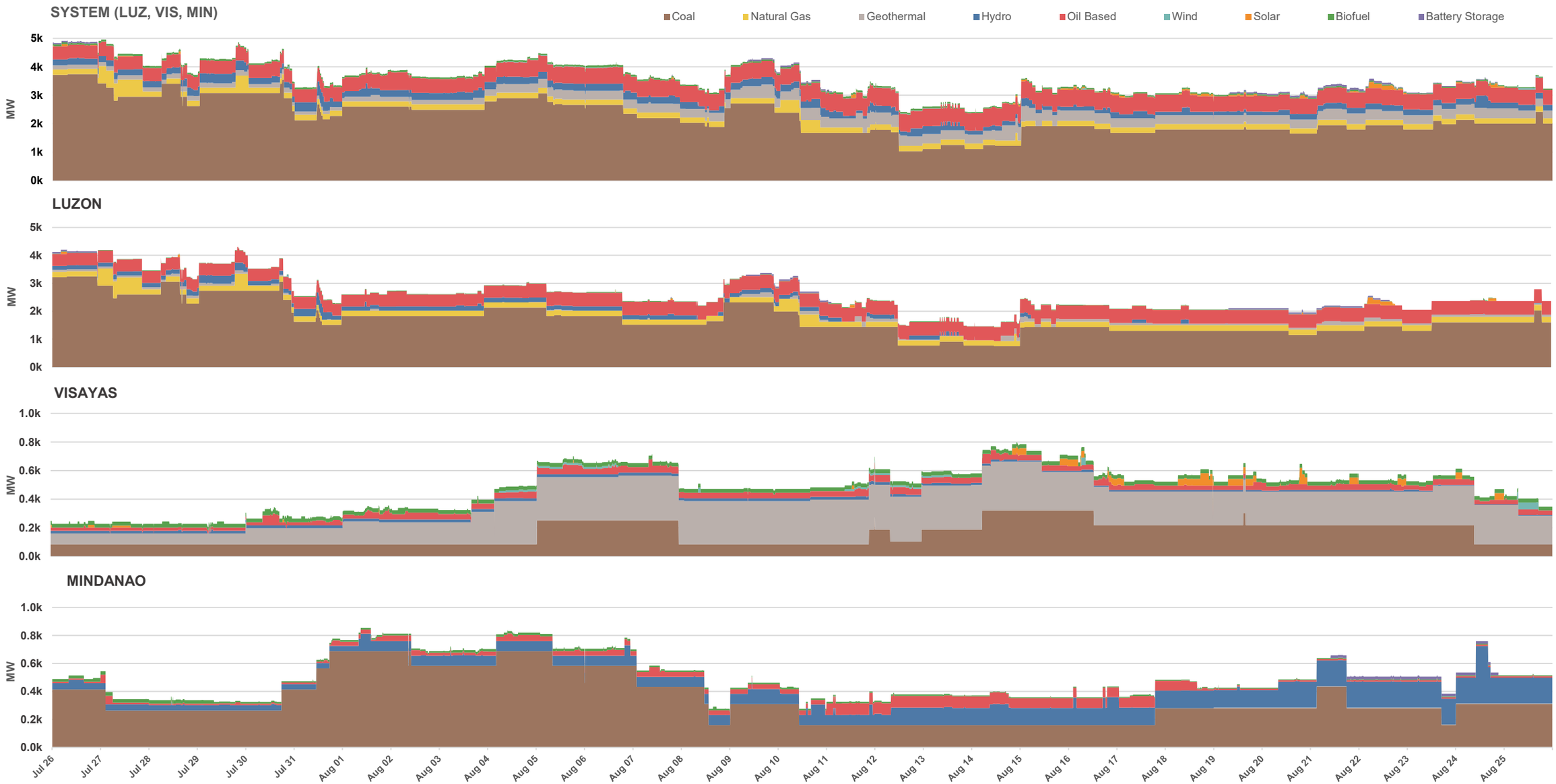




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MARKET OUTCOME
OUTAGE BY PLANT TYPE
26 July - 25 August 2025

Philippine Electricity Market Corporation

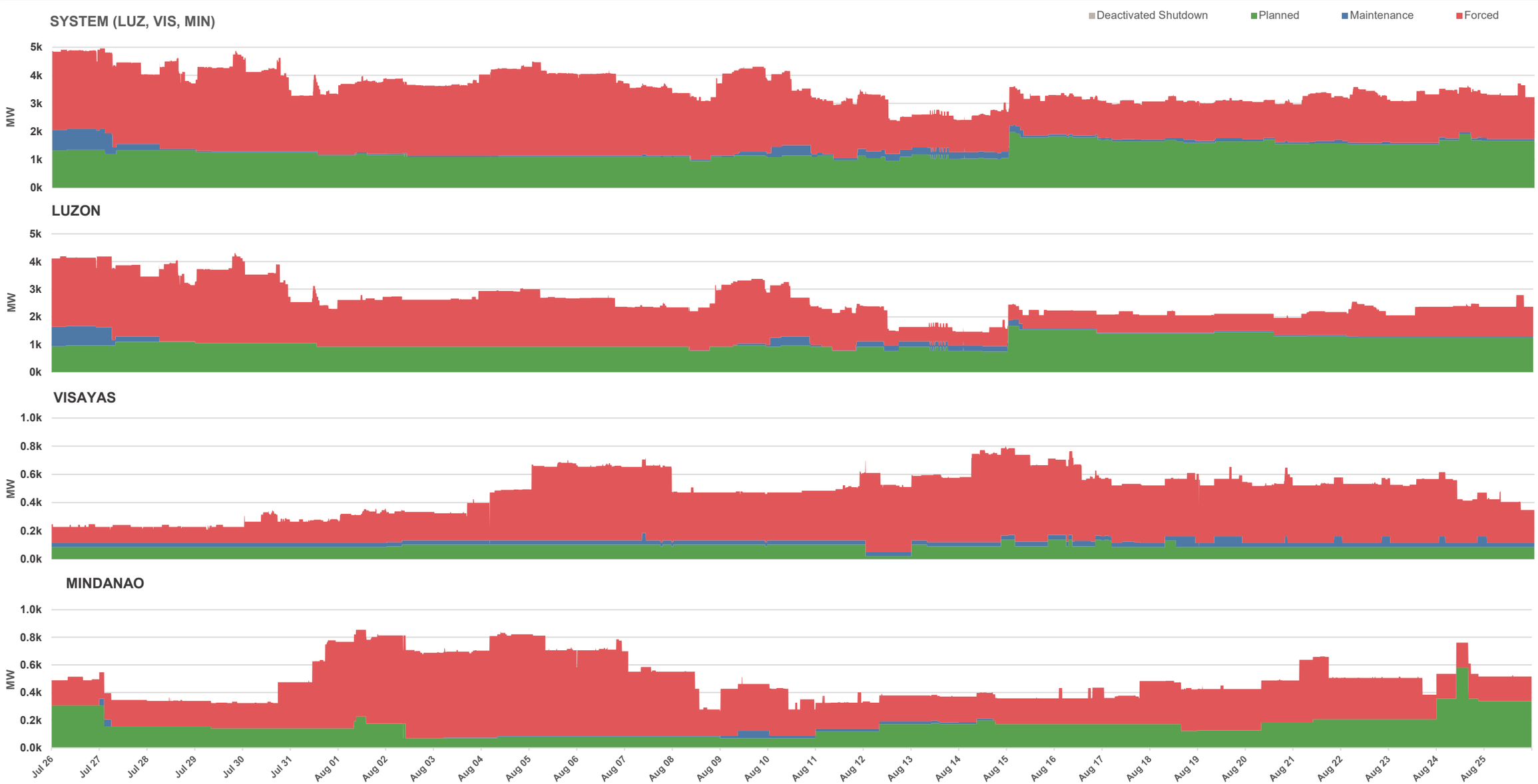


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MARKET OUTCOME
OUTAGE BY CATEGORY

26 July - 25 August 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 July - 25 August 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	1,031.10	08/12/2025 11:45	3,738.20	07/26/2025 7:20	2,226.13	9.49%▲
Natural Gas	190.00	07/26/2025 0:05	607.40	07/26/2025 22:50	213.68	36.64%▼
Geothermal	46.70	08/04/2025 3:50	531.56	08/15/2025 0:25	285.60	28.79%▲
Hydro	85.60	08/11/2025 20:10	506.20	07/31/2025 14:05	218.62	30.99%▼
Oil Based	462.10	07/26/2025 0:05	661.60	08/01/2025 23:15	545.99	0.52%▲
Wind	13.20	08/04/2025 6:15	80.00	07/30/2025 20:30	17.76	41.79%▼
Solar	3.40	08/14/2025 10:55	221.90	08/22/2025 5:10	42.64	11.44%▼
Biofuel	32.60	08/22/2025 11:05	93.50	08/24/2025 14:25	52.54	12.71%▼
Battery Storage	20.00	08/22/2025 2:20	90.00	08/20/2025 20:20	44.39	12.67%▲

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	744.00	08/14/2025 11:30	3,240.40	07/26/2025 7:20	1,726.41	5.49%▲
Natural Gas	190.00	07/26/2025 0:05	607.40	07/26/2025 22:50	213.68	36.64%▼
Geothermal	3.00	08/05/2025 18:25	190.70	08/15/2025 0:25	74.29	23.35%▼
Hydro	0.80	08/14/2025 8:25	446.10	07/31/2025 11:20	124.00	63.05%▼
Oil Based	430.00	07/26/2025 0:05	550.00	07/29/2025 19:55	472.83	4.09%▲
Wind	80.00	07/30/2025 20:30	80.00	07/30/2025 20:30	80.00	
Solar	3.40	08/14/2025 10:55	221.90	08/22/2025 5:10	28.98	45.73%▼
Biofuel	3.20	08/22/2025 8:05	60.90	08/24/2025 14:25	14.04	11.61%▼
Battery Storage	40.00	08/07/2025 19:00	90.00	08/20/2025 20:20	50.09	21.51%▲

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	83.60	08/24/2025 9:20	321.60	08/14/2025 5:30	157.73	41.32%▲
Natural Gas	-		-			
Geothermal	46.70	08/04/2025 3:50	340.86	08/14/2025 9:50	230.26	59.18%▲
Hydro	4.70	08/15/2025 11:30	29.30	07/29/2025 6:15	15.37	7.96%▼
Oil Based	21.50	07/26/2025 0:05	102.80	08/07/2025 10:00	37.75	50.39%▼
Wind	13.20	08/04/2025 6:15	52.90	08/16/2025 6:35	17.27	43.41%▼
Solar	14.50	07/27/2025 6:35	115.00	08/20/2025 18:55	44.95	15.08%▲
Biofuel	26.90	07/26/2025 0:05	42.90	07/26/2025 9:10	27.37	11.39%▼
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	159.10	08/08/2025 13:40	687.50	07/31/2025 17:35	341.99	9.20%▲
Natural Gas	-		-			
Geothermal	3.60	08/19/2025 0:05	3.60	08/19/2025 0:05	3.60	0.00%▲
Hydro	37.60	07/28/2025 0:05	410.30	08/24/2025 10:05	106.04	0.16%▼
Oil Based	10.60	07/26/2025 0:05	93.50	08/12/2025 9:15	35.41	176.20%▲
Wind	-		-			
Solar	-		-			
Biofuel	5.70	08/13/2025 13:15	26.70	07/26/2025 20:20	11.54	13.99%▼
Battery Storage	20.00	08/21/2025 10:05	20.00	08/21/2025 10:05	20.00	7.49%▼

System

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	953.00	08/08/2025 8:05	1,982.90	08/15/2025 0:25	1,332.65	18.65%▼
Maintenance	16.80	08/04/2025 3:50	735.80	07/26/2025 0:05	121.38	23.41%▼
Forced	1,132.26	08/13/2025 22:00	3,560.90	07/29/2025 19:55	2,110.33	23.48%▲
Deactivated Shutdown	-		-			

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	744.00	08/14/2025 11:30	1,673.80	08/15/2025 0:25	1,084.14	16.66%▼
Maintenance	10.80	07/28/2025 6:05	705.80	07/26/2025 0:05	82.72	34.92%▼
Forced	487.10	08/15/2025 4:20	3,253.90	07/29/2025 19:55	1,422.31	7.00%▲
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	18.00	08/12/2025 0:30	136.90	08/14/2025 20:20	90.27	0.20%▲
Maintenance	30.00	07/26/2025 0:05	83.30	08/07/2025 8:20	33.17	6.46%▲
Forced	94.30	07/27/2025 5:25	652.16	08/14/2025 9:50	353.72	48.51%▲
Deactivated Shutdown	-		-			

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	69.50	08/02/2025 8:45	581.80	08/24/2025 10:05	158.24	48.24%▼
Maintenance	6.00	08/03/2025 5:05	53.30	08/09/2025 9:05	14.49	17.67%▼
Forced	178.50	08/23/2025 17:05	753.20	08/04/2025 9:50	334.30	136.10%▲
Deactivated Shutdown	-		-			

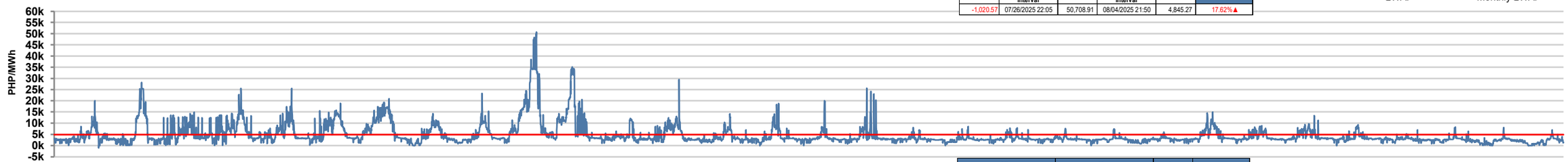
PUBLIC

MARKET OUTCOME
MARKET PRICE
26 July - 25 August 2025

Philippine Electricity Market Corporation

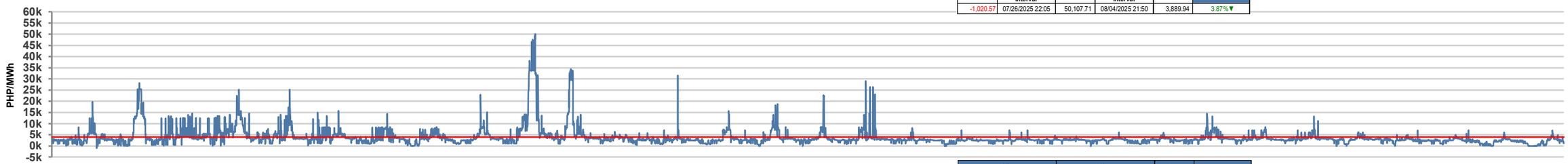
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,020.57	07/26/2025 22:05	50,708.91	08/04/2025 21:50	4,845.27	17.62%▲



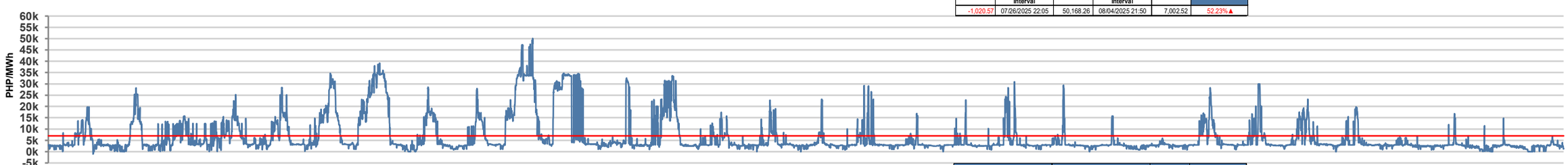
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,020.57	07/26/2025 22:05	50,107.71	08/04/2025 21:50	3,889.94	3.87%▼



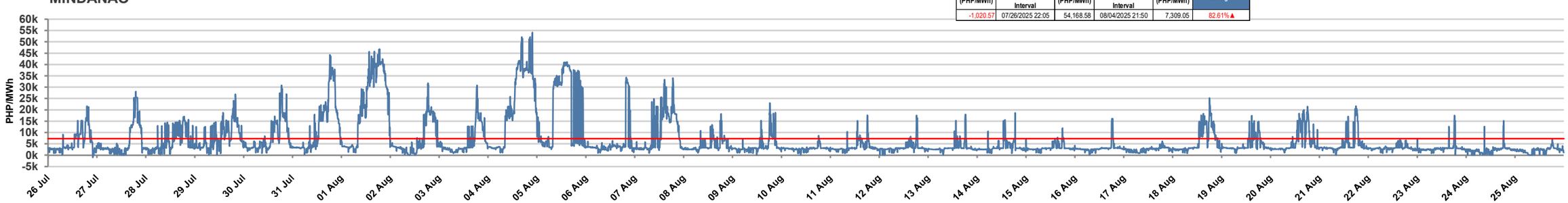
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,020.57	07/26/2025 22:05	50,168.26	08/04/2025 21:50	7,002.52	52.23%▲



MINDANAO

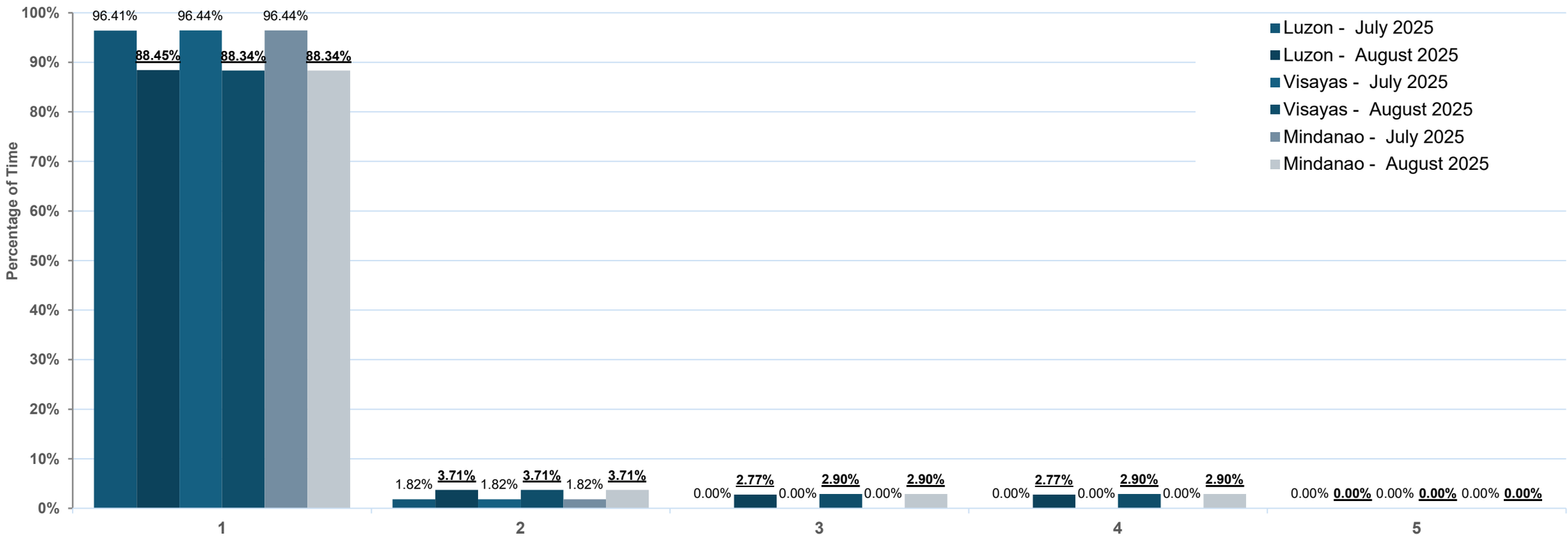
Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,020.57	07/26/2025 22:05	54,168.58	08/04/2025 21:50	7,309.05	82.61%▲



PUBLIC

MARKET OUTCOME
PRICING CONDITION
26 July - 25 August 2025

Philippine Electricity Market Corporation



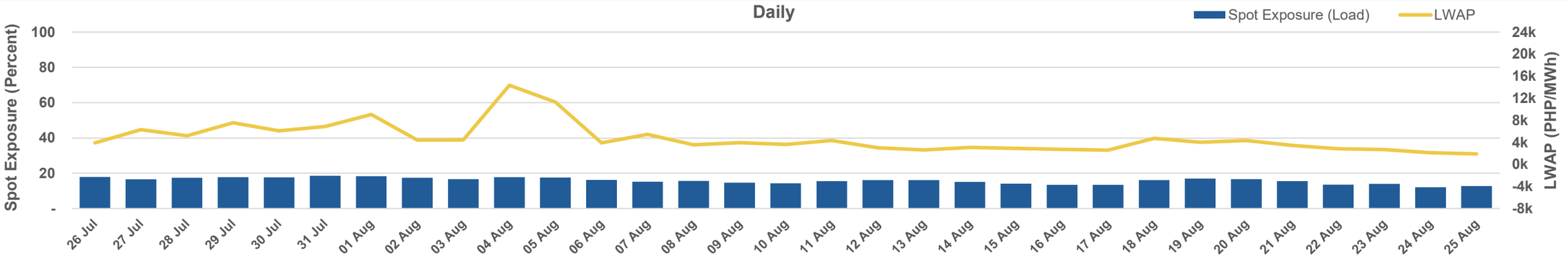
		Normal		Pricing Error Notice		Price Substitution Methodology		Secondary Price Cap		Administered Price	
Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	July 2025	8,330	96.41%	157	1.82%	153	1.77%	0	0.00%	0	0.00%
	August 2025	7,897	88.45%	331	3.71%	453	5.07%	247	2.77%	-	0.00%
Visayas	July 2025	8,332	96.44%	157	1.82%	151	1.75%	0	0.00%	0	0.00%
	August 2025	7,887	88.34%	331	3.71%	451	5.05%	259	2.90%	-	0.00%
Mindanao	July 2025	8,332	96.44%	157	1.82%	151	1.75%	0	0.00%	0	0.00%
	August 2025	7,887	88.34%	331	3.71%	451	5.05%	259	2.90%	-	0.00%

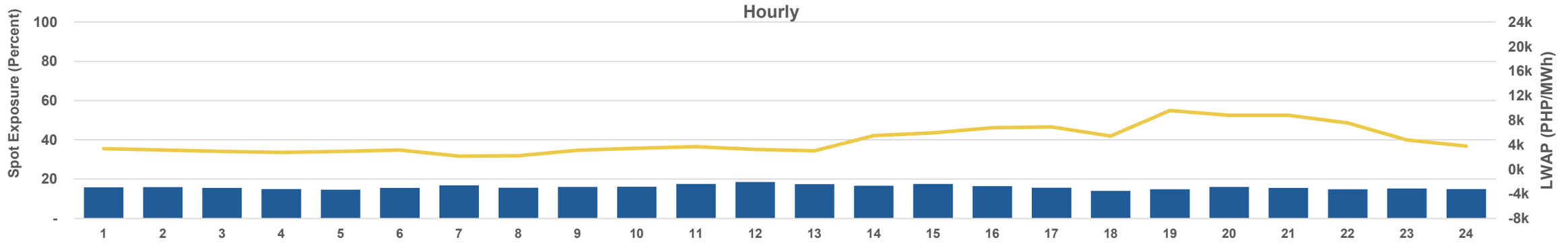
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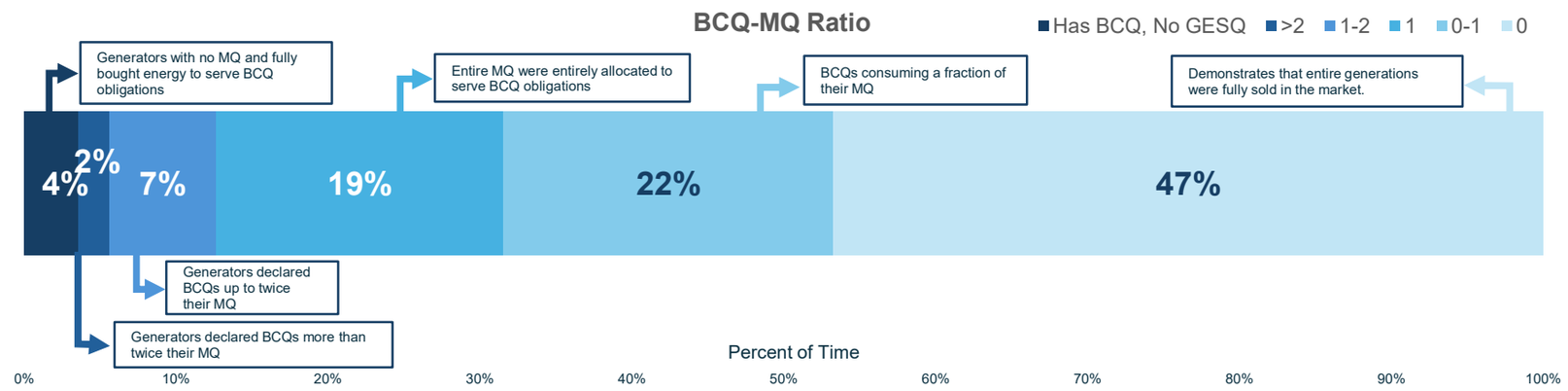
MARKET OUTCOME
SPOT EXPOSURE

26 July - 25 August 2025

Philippine Electricity Market Corporation







Legend	% of Time	Remarks
Has BCQ, No GESQ	4%	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	19%	Entire MQ were entirely allocated to serve BCQ obligations
0-1	22%	BCQs consuming a fraction of their MQ
0	47%	Demonstrates that entire generations were fully sold in the market.

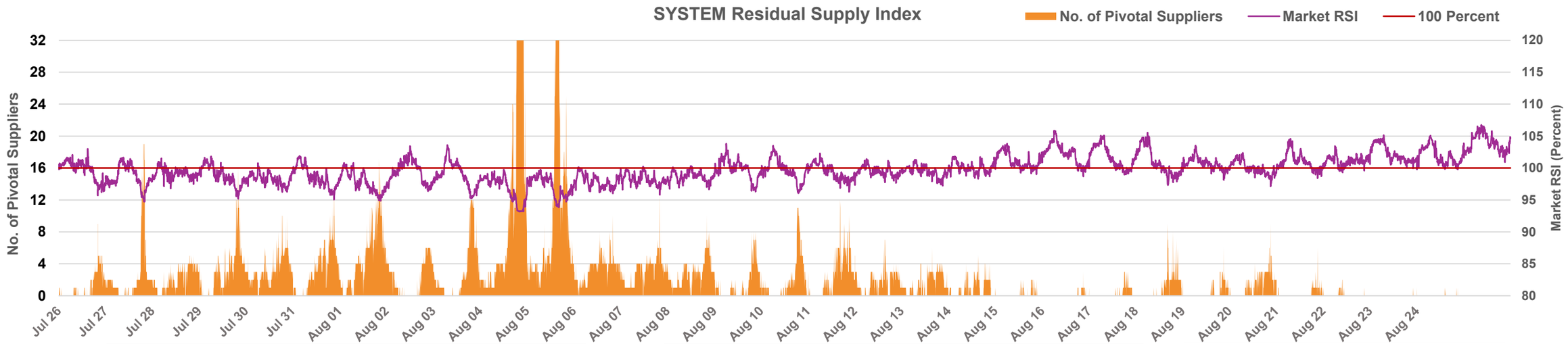
Note: The graph is derived from the occurrences of the BCQ-MQ ratio over time per generator trading interval.

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MARKET OUTCOME
STRUCTURAL COMPETITION

26 July - 25 August 2025

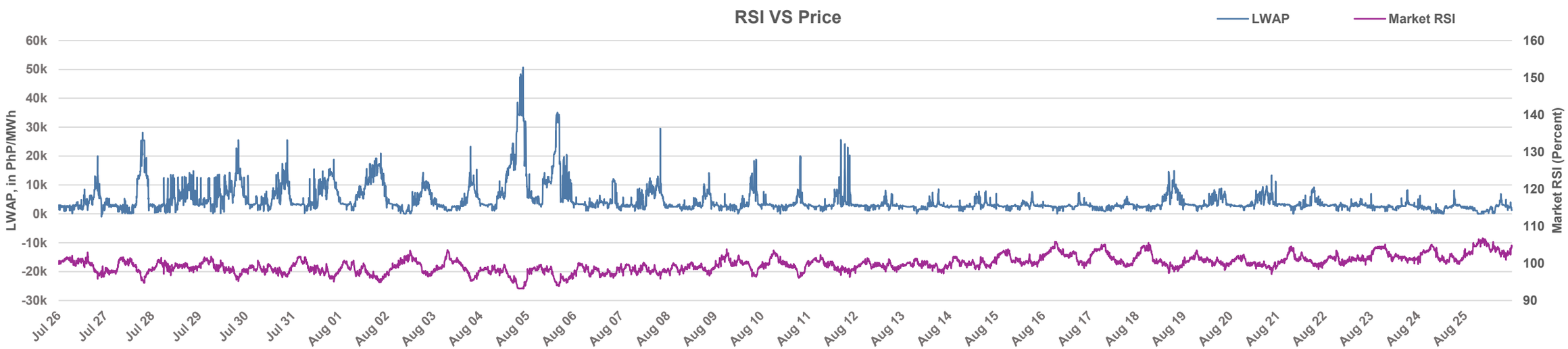
Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	106.76	608.74	08/25/2025 9:05
Min	93.18	34,273.41	08/04/2025 20:10

Price (PHP/MWh)		RSI	Time Interval
Max	50,708.91	93.26	08/04/2025 21:50
Min	-1,020.57	96.20	07/26/2025 22:05

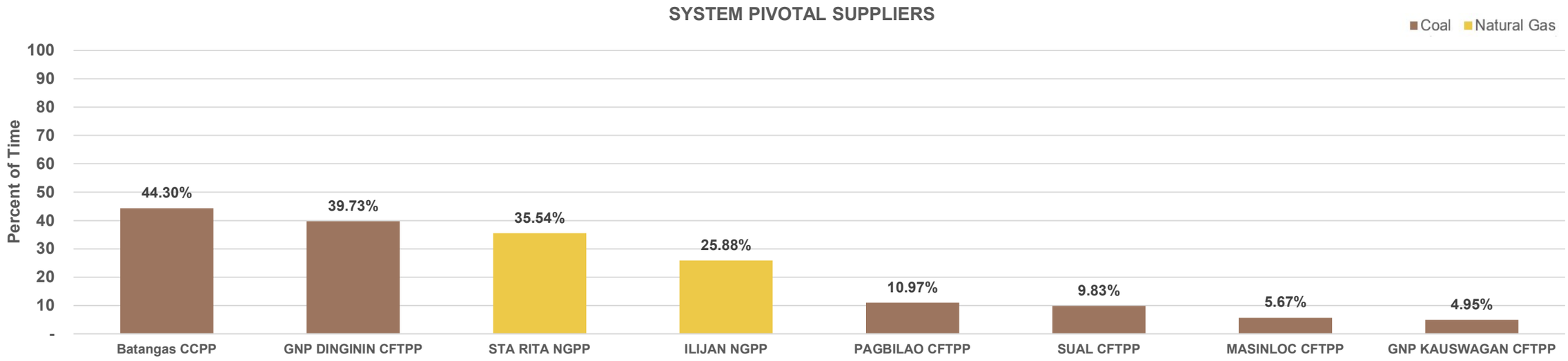
Pivotal Supplier		Time Interval
Max	260	08/05/2025 16:20

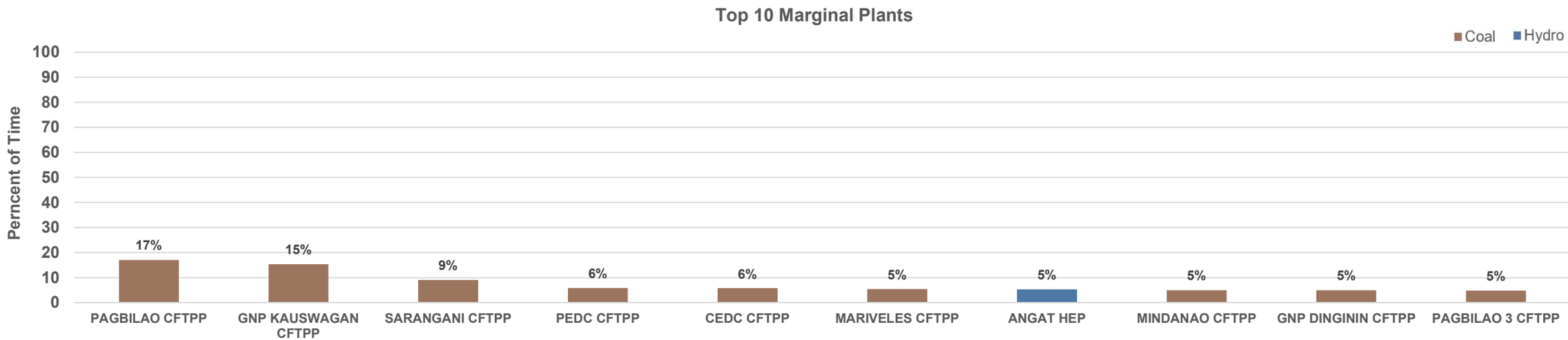


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MARKET OUTCOME
STRUCTURAL COMPETITION
26 July - 25 August 2025

Philippine Electricity Market Corporation



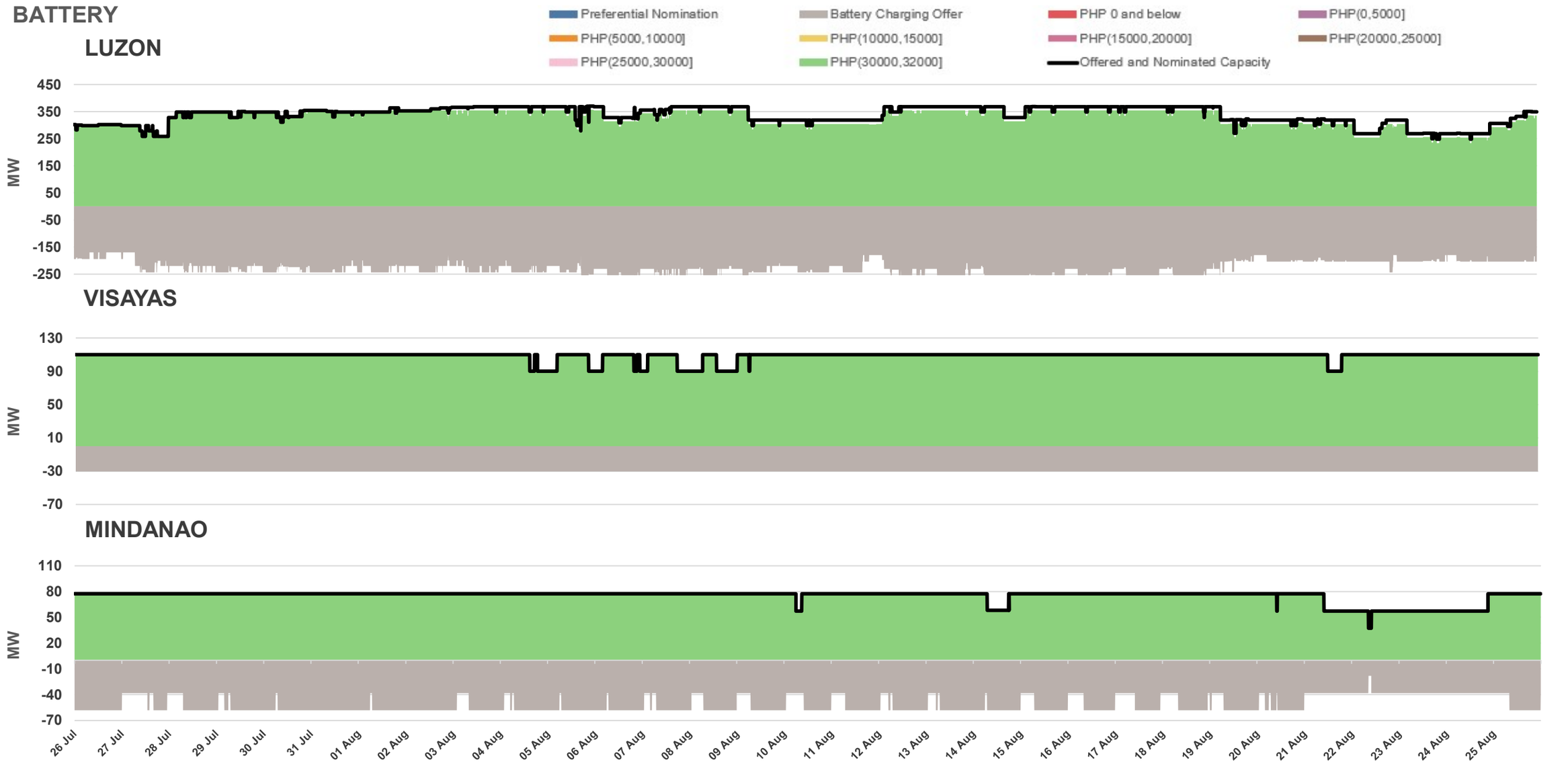


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MARKET OUTCOME
OFFERS
26 July - 25 August 2025

Philippine Electricity Market Corporation

BATTERY



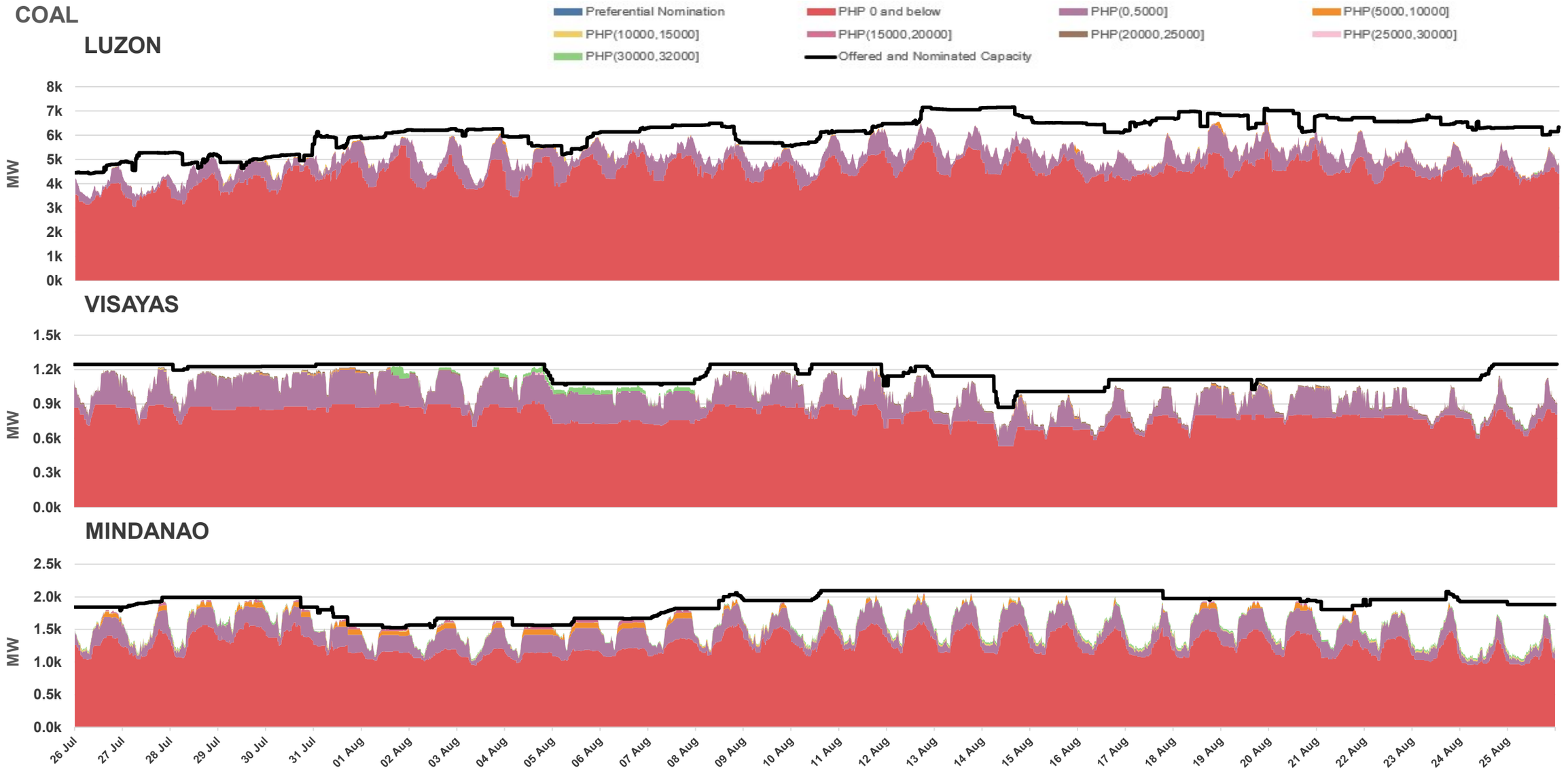
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MARKET OUTCOME
OFFERS

26 July - 25 August 2025

Philippine Electricity Market Corporation

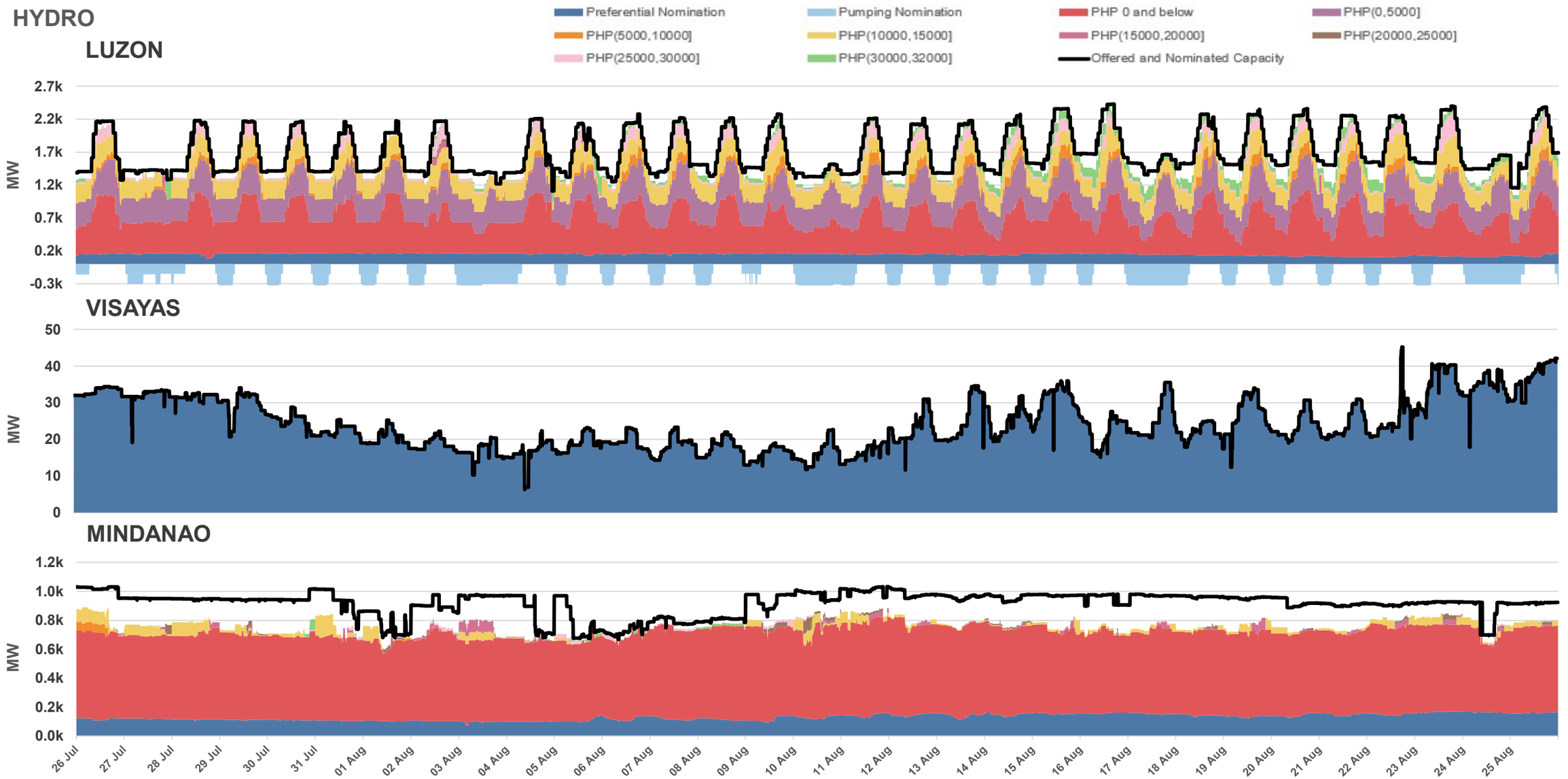
COAL



PUBLIC

MARKET OUTCOME
OFFERS
26 July - 25 August 2025

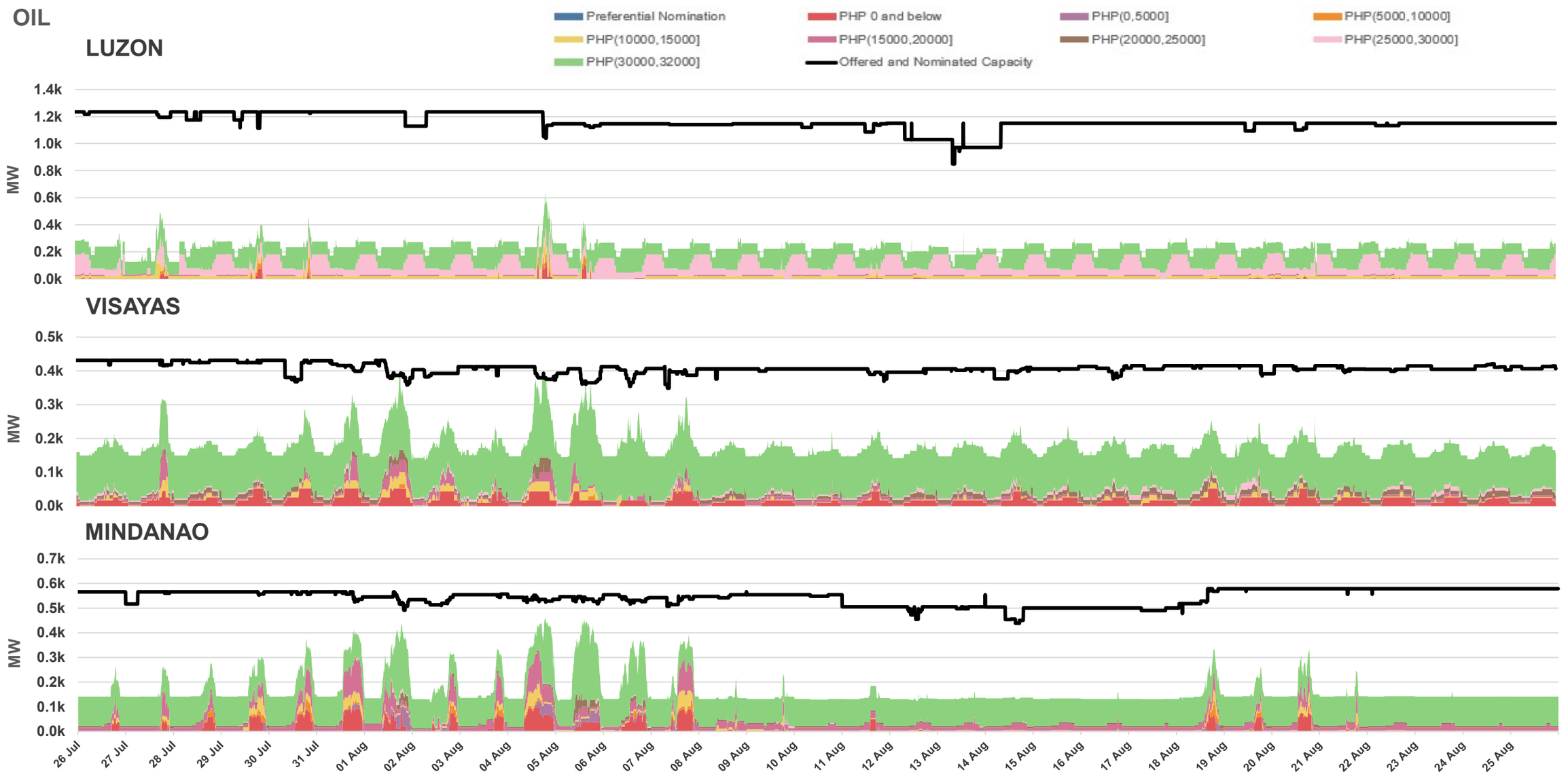
Philippine Electricity Market Corporation



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MARKET OUTCOME
OFFERS
26 July - 25 August 2025

Philippine Electricity Market Corporation



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RESERVE MARKET

AT A GLANCE

26 July - 25 August 2025

Reserve Total Registered Capacity (in MW)

5,359.33

18% of the total Registered Capacity

Previous Month: 5,218.61

2.70% ▲

		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	3,361.80	6,383.48	618.00	23,330.34	210.70	23,324.71
	Down		6,386.80		22,102.45		23,324.58
Contigency		2,772.40	2,644.98	646.67	5,122.95	206.00	2,857.25
Dispatchable		2,479.00	1,935.00	502.50	6,762.96	195.00	350.11

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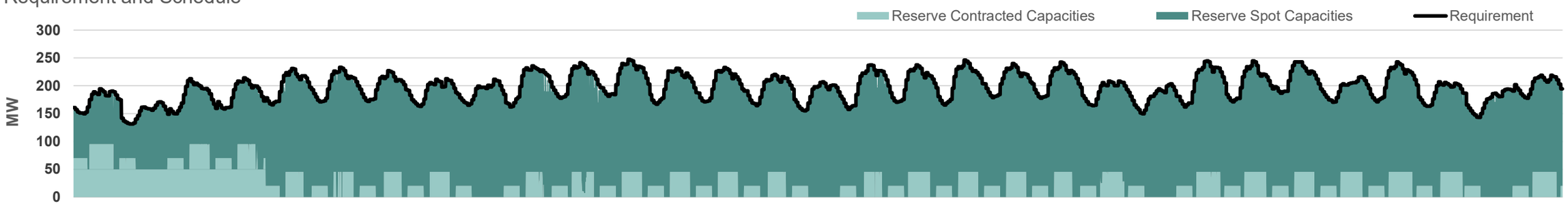
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

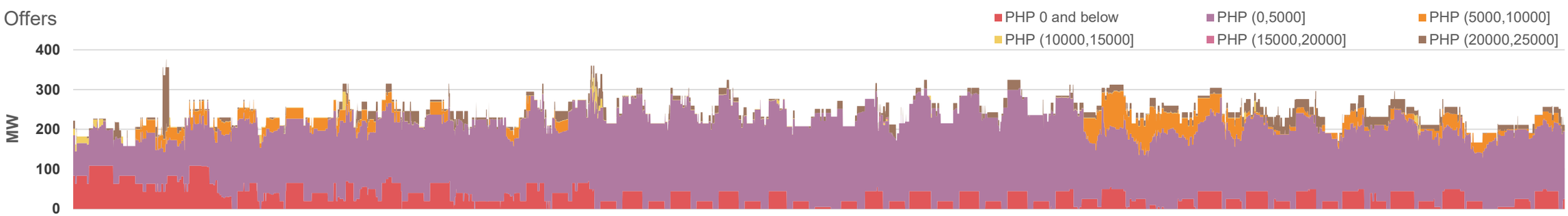
Philippine Electricity Market Corporation

LUZON - REGULATING UP

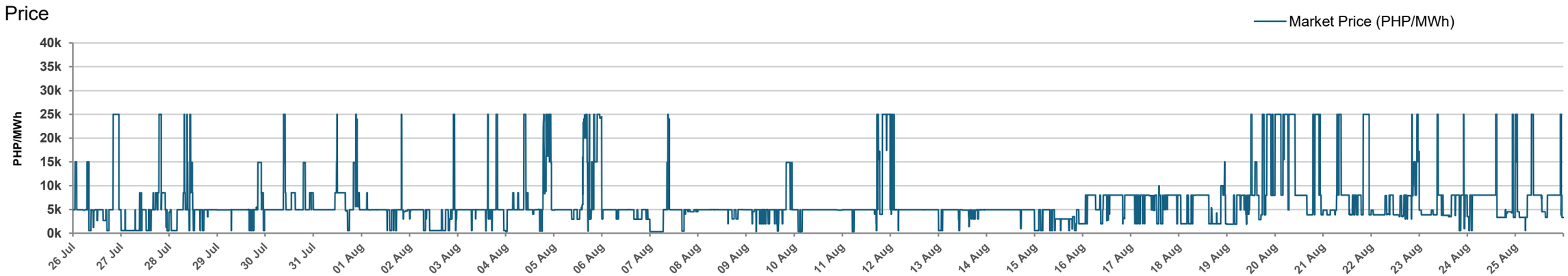
Requirement and Schedule



Offers



Price



PUBLIC

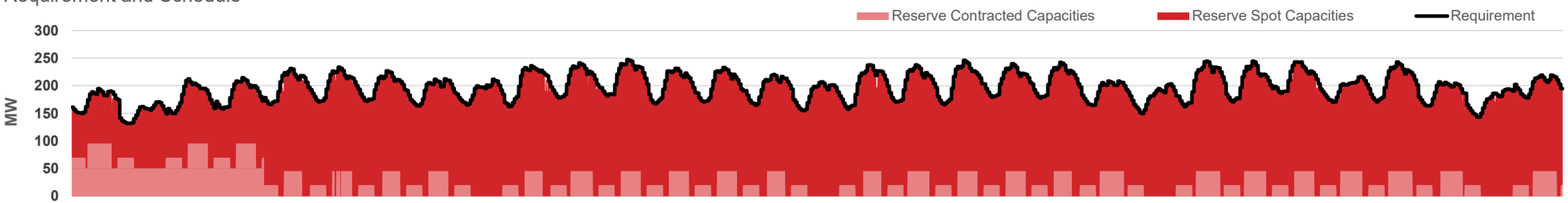
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

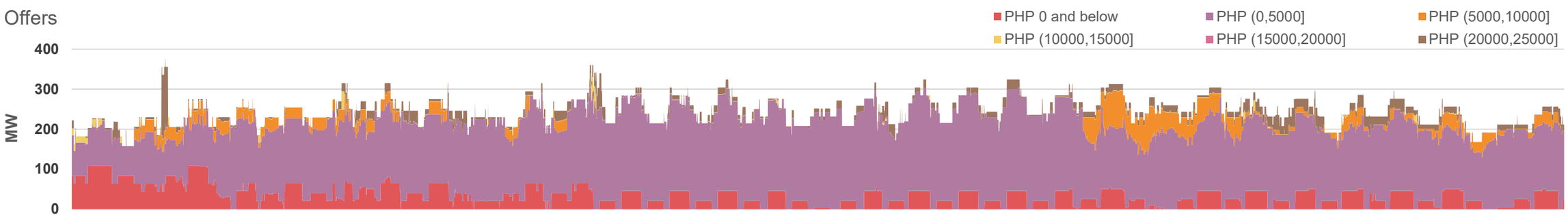
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

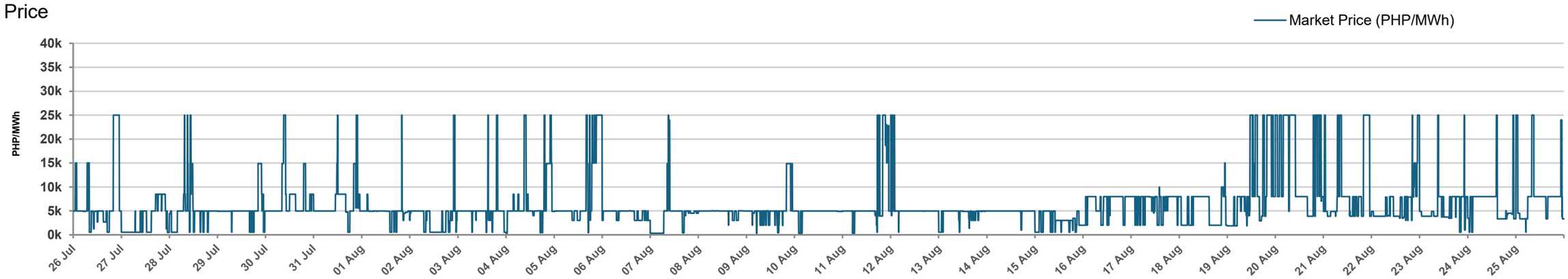
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

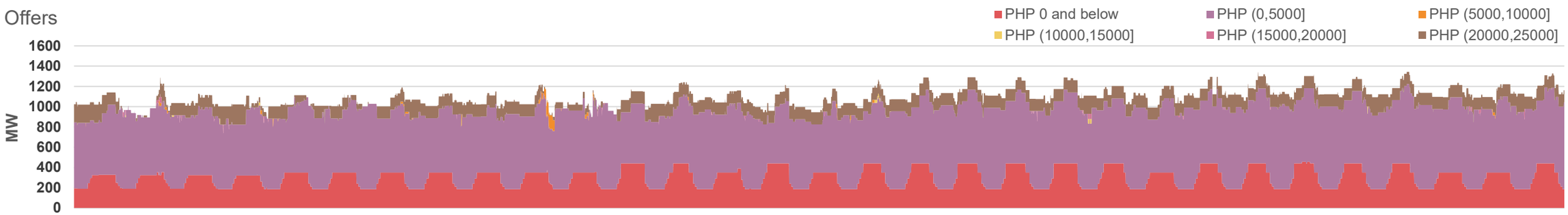
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

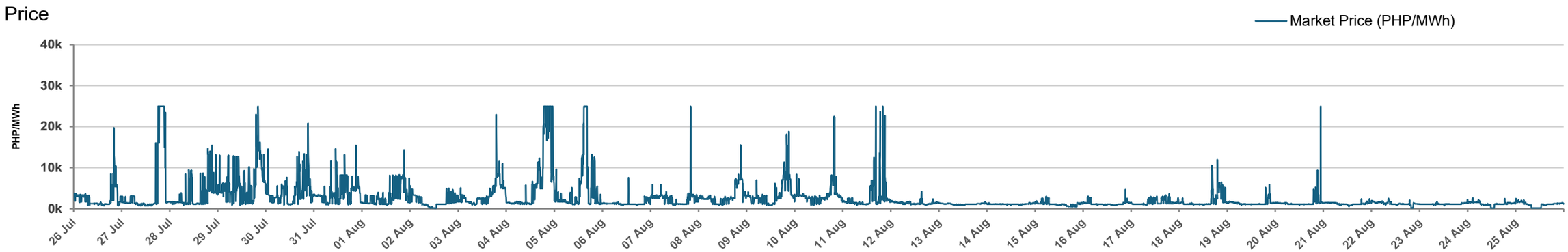
Requirement and Schedule



Offers



Price



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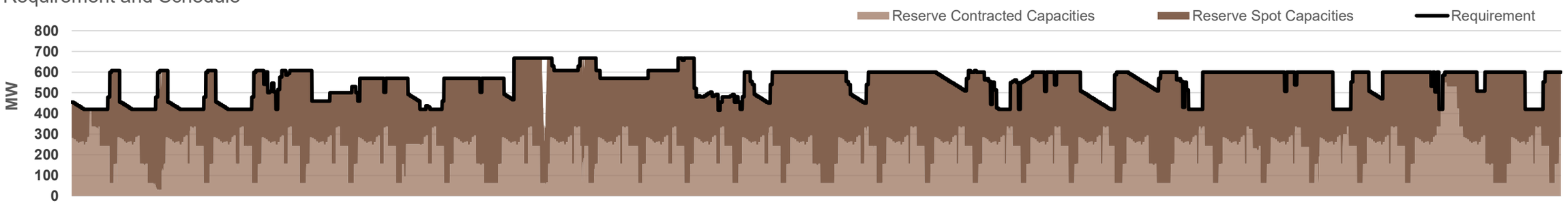
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

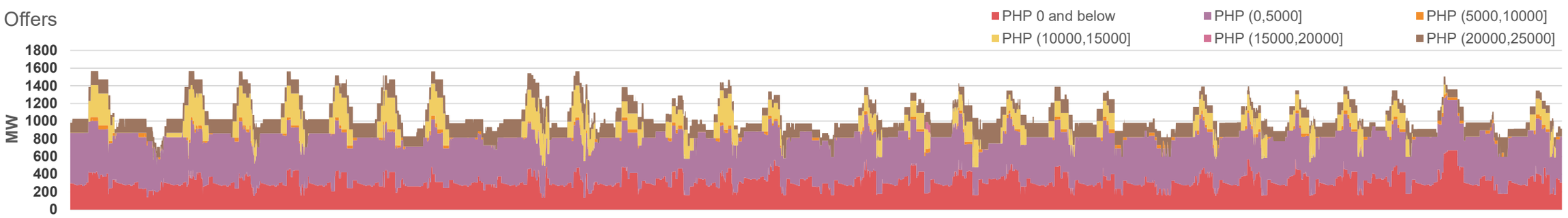
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

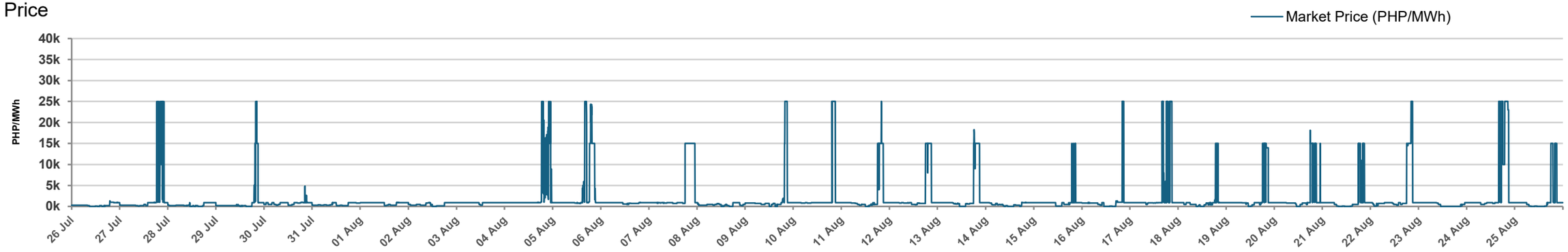
Requirement and Schedule



Offers



Price



PUBLIC

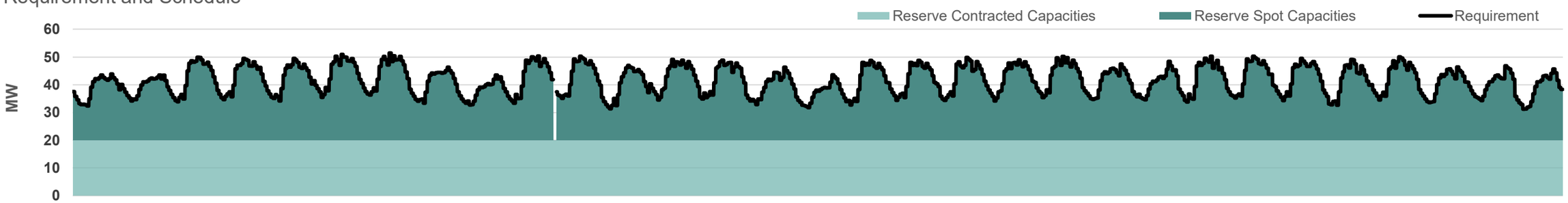
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

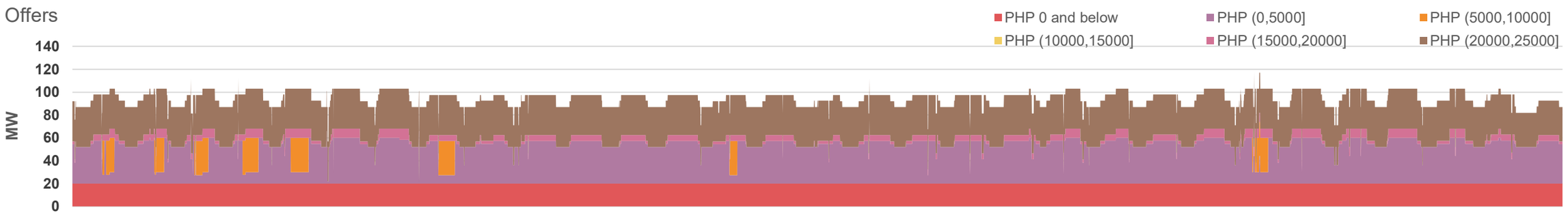
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

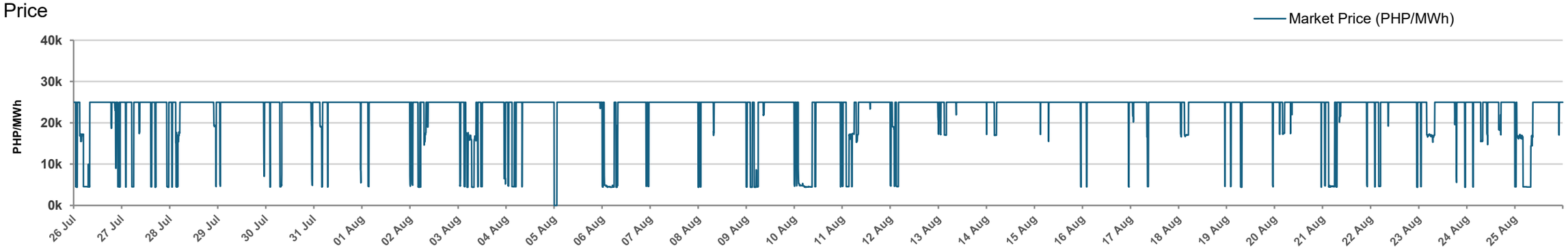
Requirement and Schedule



Offers



Price



PUBLIC

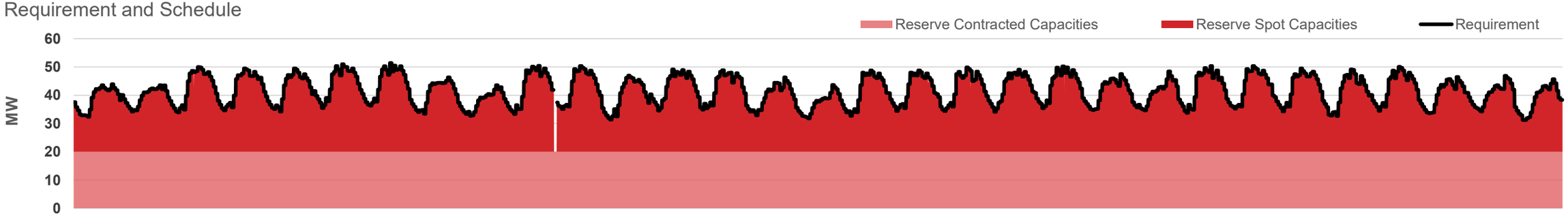
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

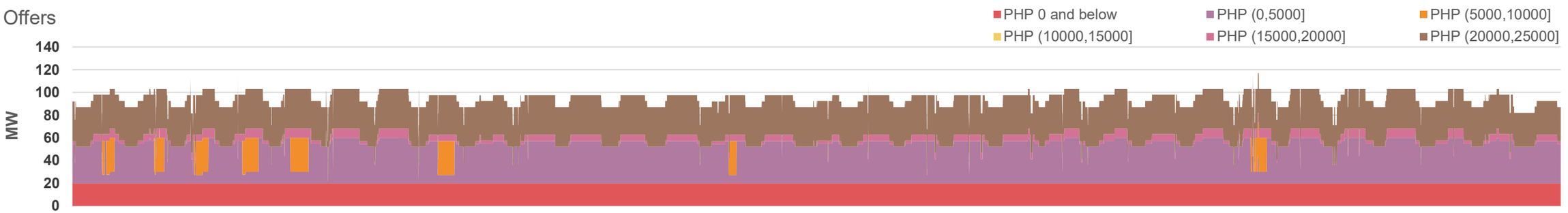
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

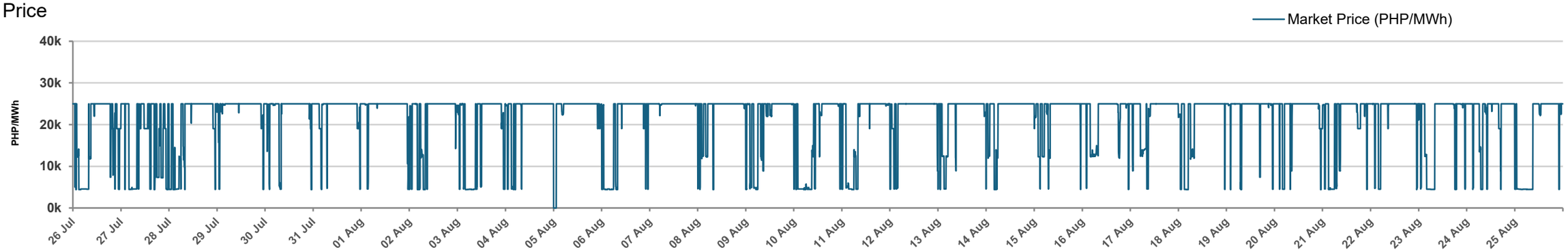
Requirement and Schedule



Offers



Price



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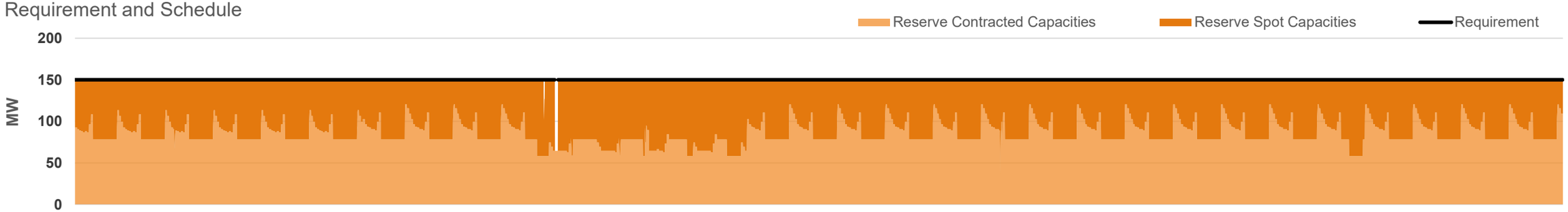
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

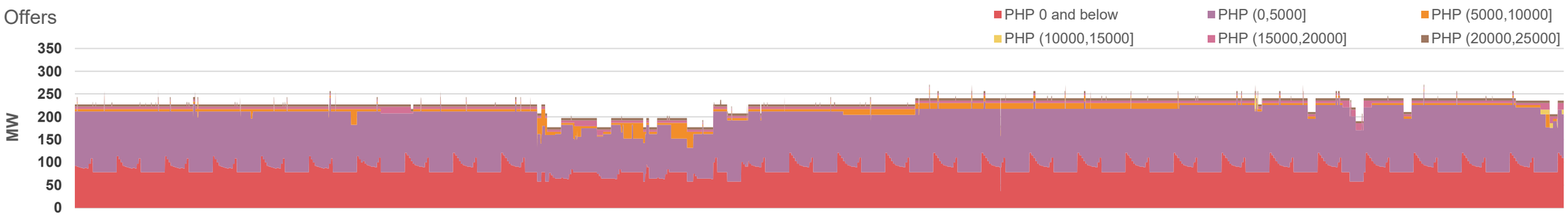
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

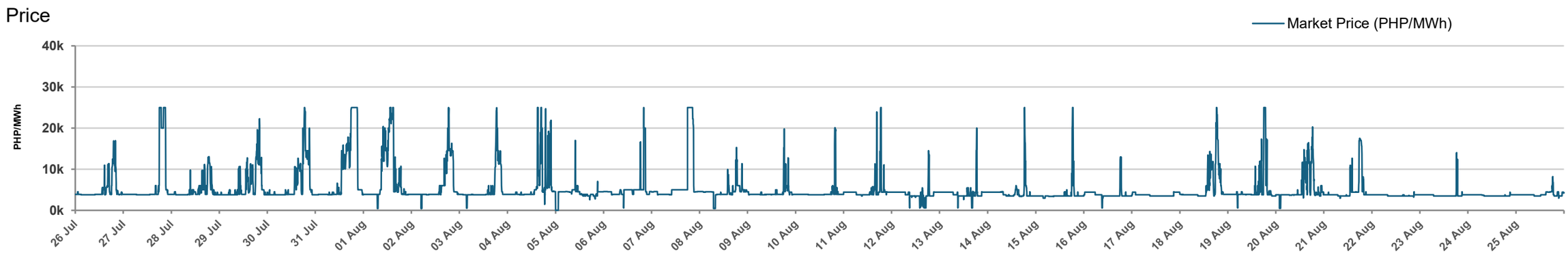
Requirement and Schedule



Offers



Price



PUBLIC

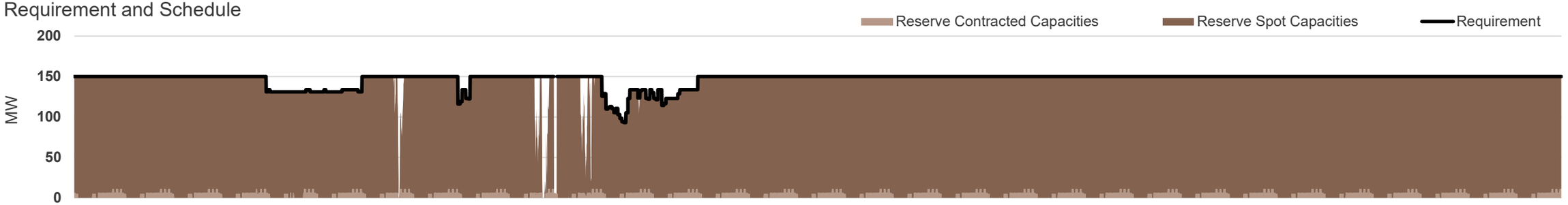
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

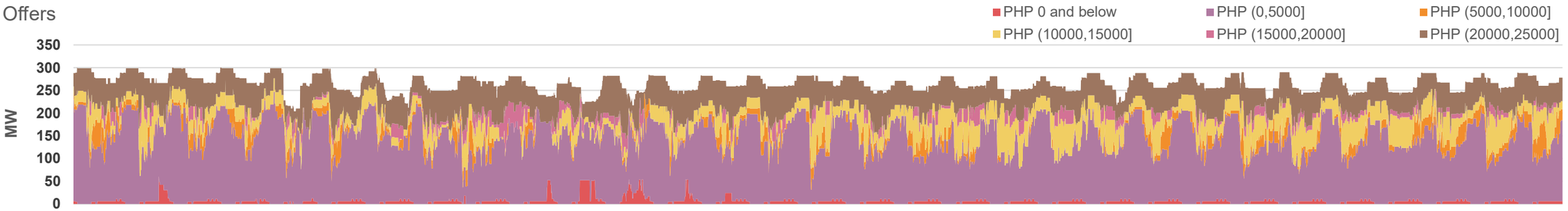
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

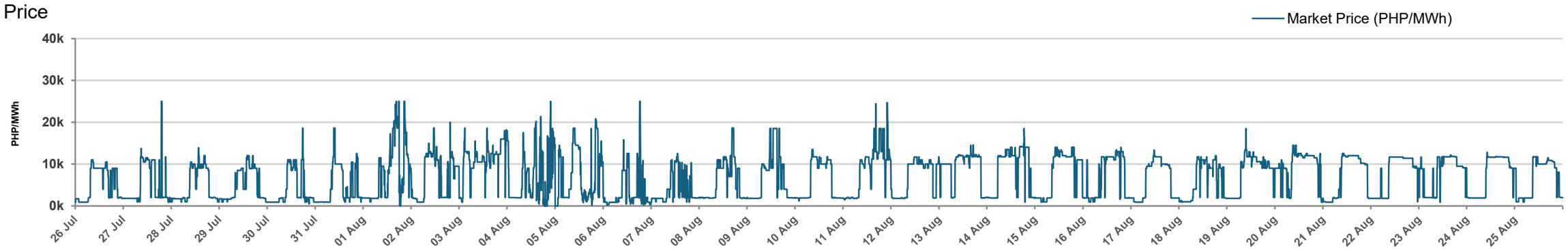
Requirement and Schedule



Offers



Price



PUBLIC

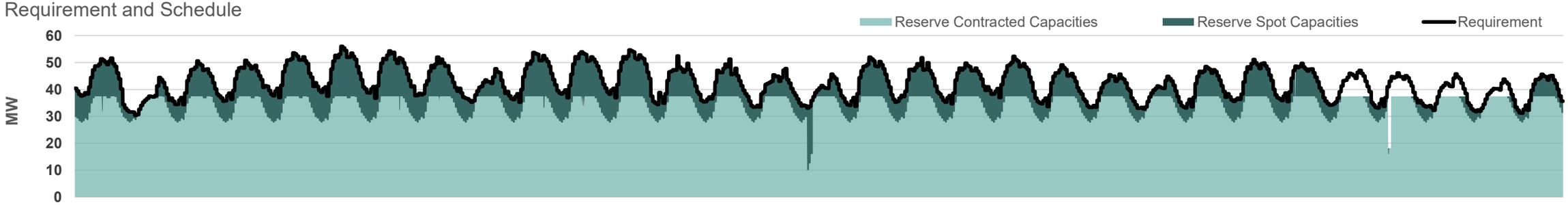
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

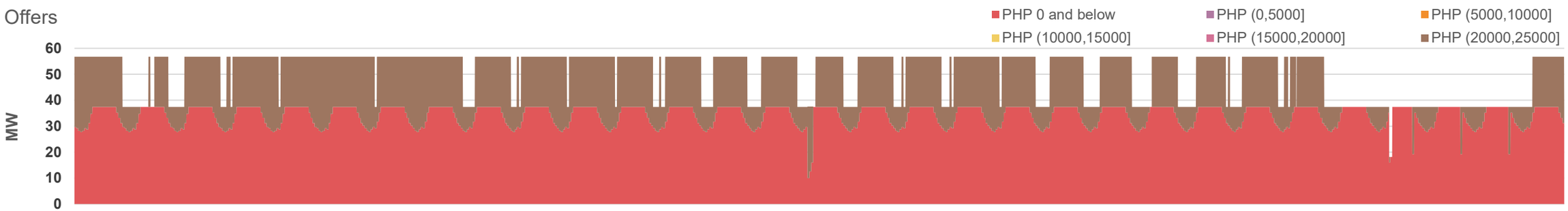
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

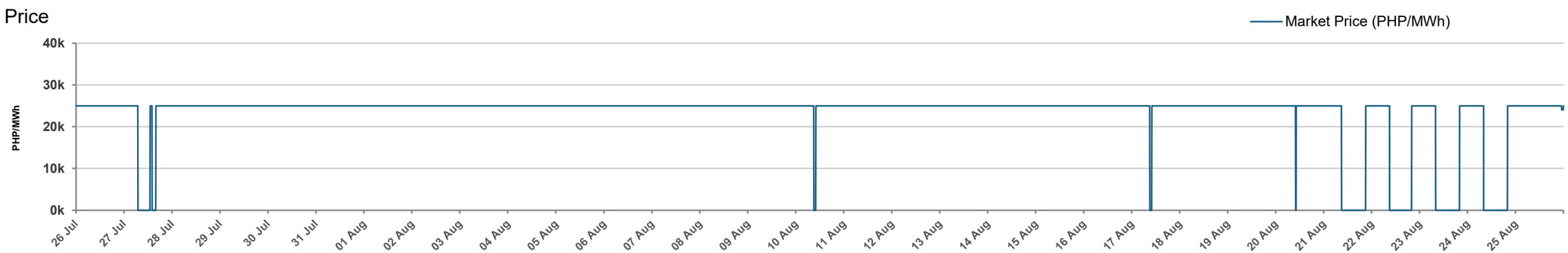
Requirement and Schedule



Offers



Price



PUBLIC

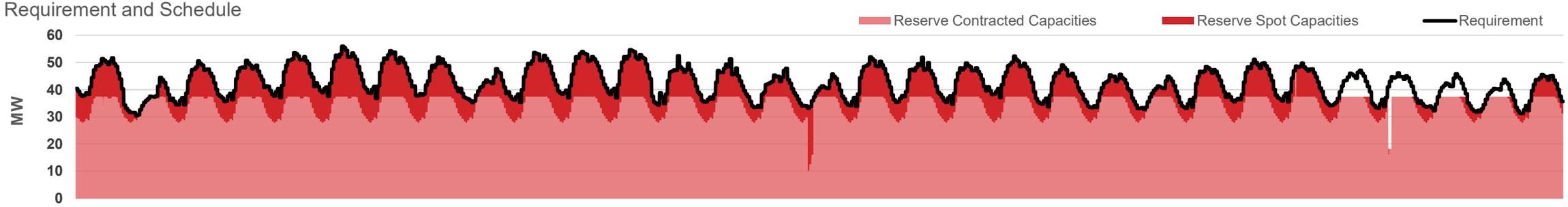
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

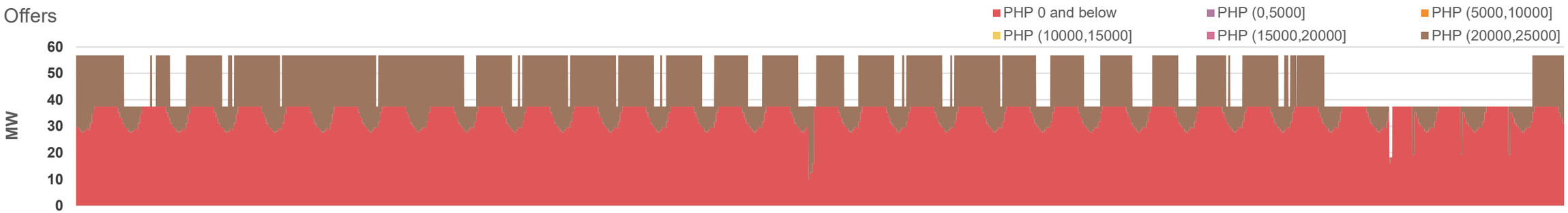
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

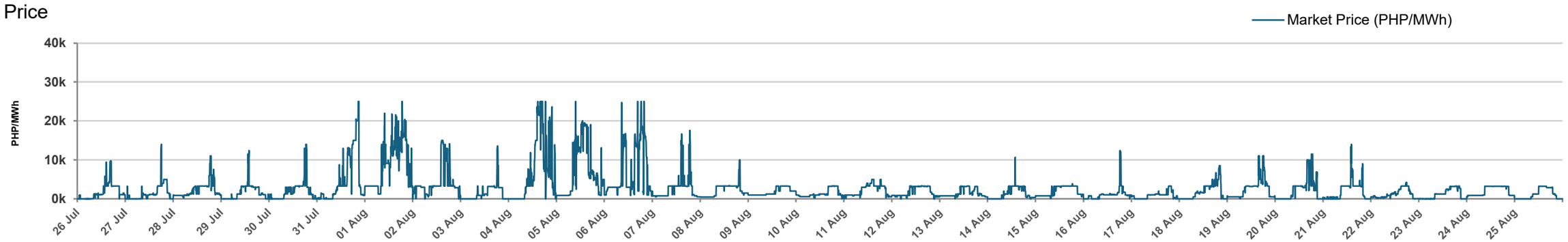
Requirement and Schedule



Offers



Price



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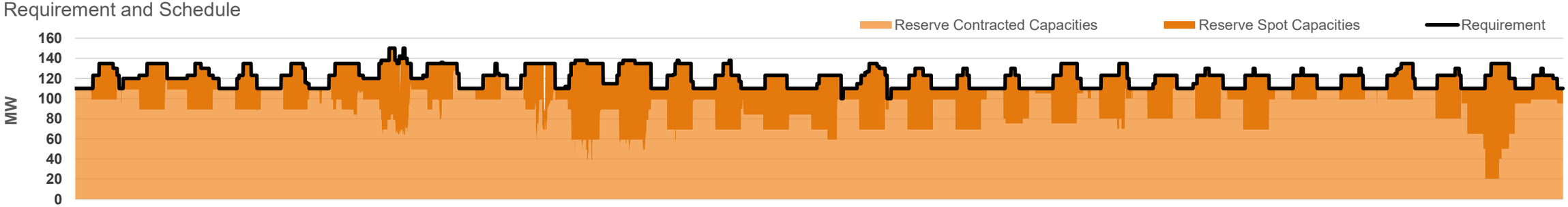
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

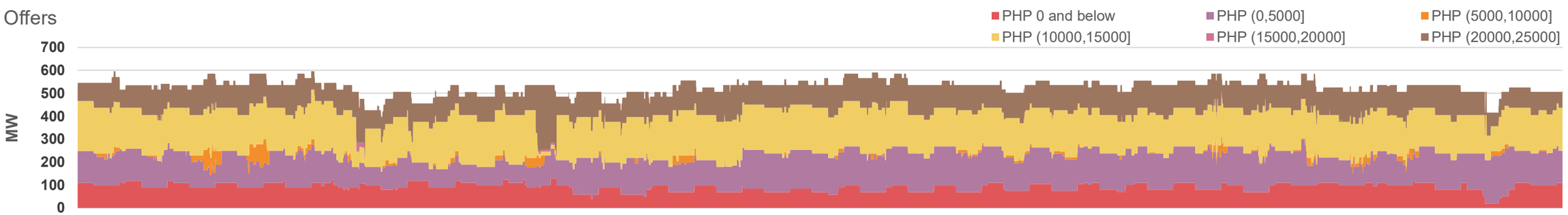
Philippine Electricity Market Corporation

MINDANAO - CONTINGENCY

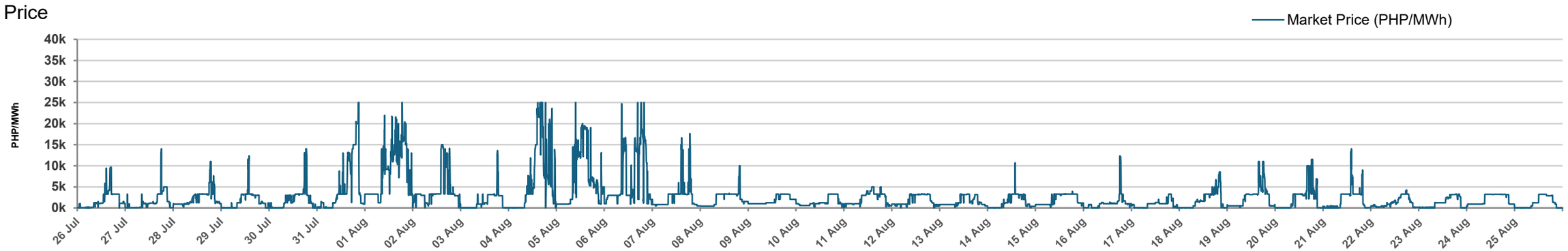
Requirement and Schedule



Offers



Price



PUBLIC

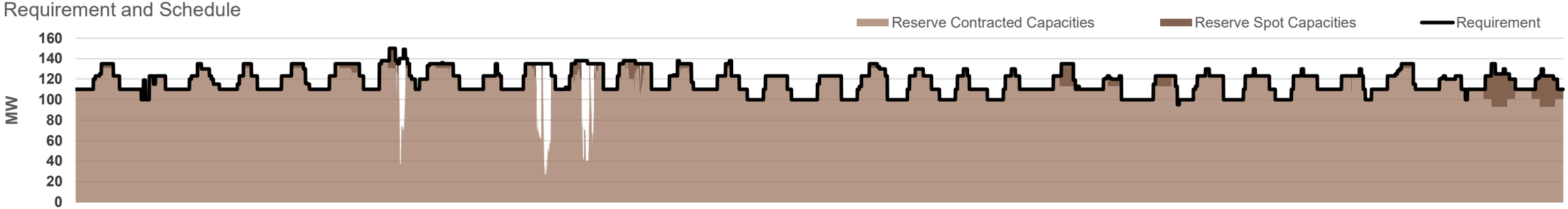
MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 2025

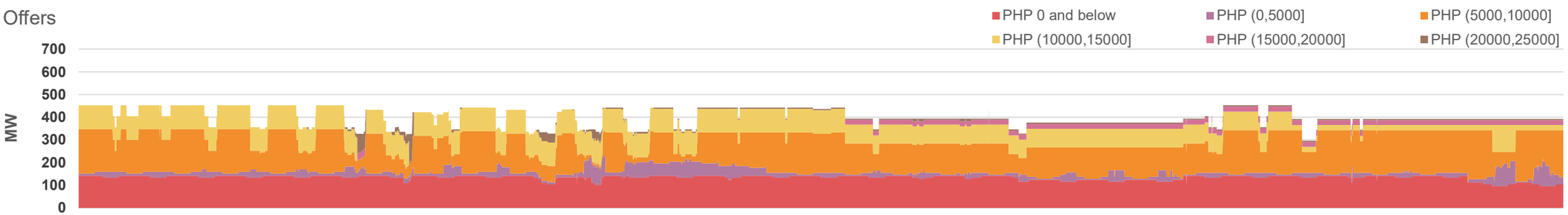
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

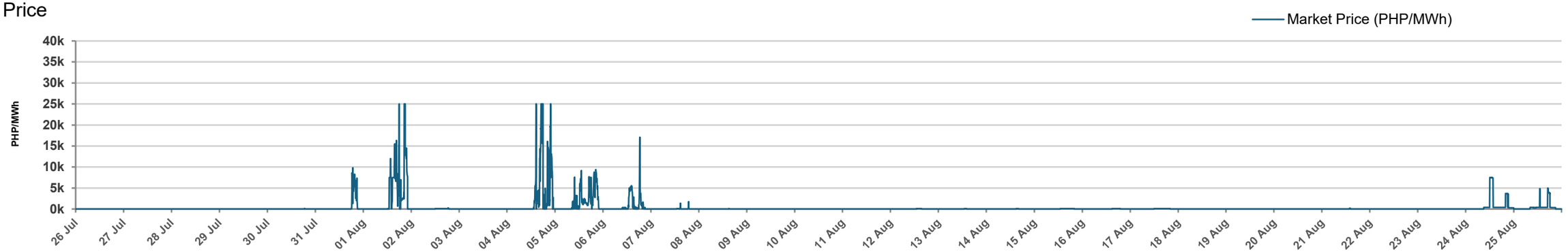
Requirement and Schedule



Offers



Price



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MARKET OUTCOME
RESERVE MARKET

26 July - 25 August 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	29.03	15%	168.57	85%	0.10	33.40	225	3%	70.45%▲	350.00	25,000.00	6,383.48	3.03%▼
Visayas	20.00	48%	21.69	52%	0.05	38.35	1,584	18%	14.75%▼	0.00	25,000.00	23,330.34	1.29%▲
Mindanao	33.88	80%	21.69	51%	0.00	24.88	4,563	51%	4.13%▲	0.00	25,000.00	23,324.71	2.98%▼
Regulating Down													
Luzon	29.28	15%	168.27	85%	0.10	31.10	271	3%	105.30%▲	350.00	25,000.00	6,386.80	1.39%▲
Visayas	20.00	48%	21.67	52%	0.05	38.35	2,586	29%	16.33%▲	0.00	25,000.00	22,102.45	3.73%▲
Mindanao	33.89	80%	8.17	19%	0.00	24.88	4,561	51%	4.83%▲	0.00	25,000.00	23,324.58	3.07%▼
Contigency													
Luzon	293.69	48%	322.16	52%	0.10	33.10	40	0.00	566.67%▲	145.00	25,000.00	2,644.98	8.60%▼
Visayas	85.93	57%	64.01	43%	0.10	150.00	32	0.00	146.15%▲	0.00	25,000.00	5,122.95	6.59%▲
Mindanao	89.67	74%	30.89	26%	0.10	47.20	38	0.00	123.53%▲	0.00	25,000.00	2,857.25	81.50%▲
Dispatchable													
Luzon	226.72	41%	321.17	59%	0.10	402.90	68	1%	750.00%▲	0.00	25,000.00	1,935.00	14.80%▲
Visayas	4.51	3%	140.81	97%	0.03	150.00	1,342	15%	96.77%▲	0.00	25,000.00	6,762.96	27.40%▲
Mindanao	113.77	98%	2.46	2%	0.10	110.90	935	10%	410.93%▲	0.00	25,000.00	350.11	11,404.57%▲

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ANNEX
OUTAGE SUMMARY
26 July - 25 August 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
BAT	01CNCEP_BAT	50	07/24/2025 7:32			Maintenance	Annual Maintenance activity.
BAT	01LAMAO_BAT	50	08/09/2025 8:13	08/11/2025 2:29	2	Maintenance	APMT of HV and MV equipment.
BAT	01SNMAN_BAT	50	08/19/2025 7:38	08/22/2025 2:04	3	Planned	Planned Outage until August 21 2025.(RECLASSIFIED FROM FORCE OMC OUTAGE)
BIOF	01ACNPC_G01	3.2	08/17/2025 15:50	08/18/2025 11:30	1	Forced	Emergency shutdown due to fire at control panel
BIOF	01BT2020_G01	11	08/08/2025 22:35	08/09/2025 22:03	1	Forced	Safety clearance substation activity
BIOF	01GFII_G01	15.8	08/06/2025 1:00	08/07/2025 1:01	1	Forced	Switched to house load operation.
BIOF	01GIFT_G01	12	08/11/2025 0:09	08/12/2025 1:14	1	Forced	Conducted plant maintenance activities.
BIOF	01GRGOLD_G01	10.8	08/12/2025 16:25	08/13/2025 14:02	1	Forced	Tripped root cause to be determined.
BIOF	01GRGOLD_G01	10.8	08/15/2025 4:52	08/16/2025 9:01	1	Forced	Emergency shutdown due to secondary air fan trouble.
BIOF	01IPOWER_G01	10.8	06/21/2025 0:00	08/22/2025 8:01	62	Maintenance	To conduct PMS
BIOF	01LASUER_U01	5.1	08/23/2025 14:18			Maintenance	Major overhauling of turnbine
BIOF	01VSGRIP_G01	5.4	07/23/2025 9:01			Forced	Emergency shutdown due to economizer water leak
BIOF	01VSGRIP_G01	5.4	07/31/2025 20:20	08/05/2025 9:01	5	Forced	Ash Handling trouble.(RECLASSIFIED FROM FORCE OMC OUTAGE)
COAL	01APEC_G01	25	07/26/2025 7:06	08/14/2025 11:39	19	Planned	Planned Outage Annual Preventive Maintenance
COAL	01GNPD_U01	668	08/15/2025 0:07			Planned	Planned outage until September 18 2025.
COAL	01GNPD_U02	668	08/08/2025 21:01	08/12/2025 11:28	4	Forced	Emergency shutdown due to turbine high pressure leak.
COAL	01MARVEL_G02	316	05/30/2025 18:00	08/06/2025 18:52	68	Forced	Cooling water Condenser pump tripped.
COAL	01MPGC_U03	133	08/08/2025 12:00	08/10/2025 10:12	2	Forced	Tripped due to loss of sea water cooling
COAL	01MSINLO_G01	322.7	07/25/2025 13:14	07/26/2025 22:10	1	Forced	Tripped due to HP turbine exhaust saturated steam protection triggered.
COAL	01MSINLO_G01	322.7	07/31/2025 23:14	08/09/2025 21:53	9	Forced	Furnace pressure low low.
COAL	01MSINLO_G02	322.7	07/22/2025 21:27	07/28/2025 16:12	6	Forced	Emergency shutdown due to condenser tube leak.
COAL	01MSINLO_G03	307.2	08/23/2025 12:26			Forced	Trouble on closed cooling water system.
COAL	01PETRON_G01	22.2	08/15/2025 2:15			Maintenance	Maintenance outage.
COAL	01SMC_G01	134	07/27/2025 7:59	08/16/2025 20:29	20	Planned	Annual preventive maintenance.
COAL	01SUAL_G01	647	07/25/2025 0:14	07/30/2025 18:28	5	Forced	Generator transformer differential protection actuated
COAL	03CALACA_G02	300	08/03/2025 22:01	08/05/2025 4:59	2	Forced	Due to tripping of generator transformer
COAL	03PAGBIL_G03	420	07/20/2025 20:43	08/10/2025 10:50	21	Forced	Emergency shutdown due to boiler tube leak.
COAL	03QPPL_G01	460	07/01/2025 0:00			Planned	Planned Outage.

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				Luzon			
COAL	03SBPL_G01	455	07/29/2025 0:40	07/30/2025 22:41	1	Forced	Tripped due to turbine control valve trouble.
COAL	03SBPL_G01	455	07/25/2025 19:47	07/27/2025 6:04	2	Maintenance	Boiler tube leak.
COAL	03SLPGC_G01	150	07/20/2025 0:00	08/20/2025 13:12	31	Planned	Planned outage until August 18 2025
COAL	03SLPGC_G01	150	08/21/2025 3:19	08/22/2025 21:31	1	Forced	Boiler trip.
COAL	03SLPGC_G02	149.6	08/22/2025 3:04			Forced	Unplanned outage due to boiler tube leak. ETI August 29 2025
COAL	03SLTEC_G01	122	07/01/2025 0:02	07/31/2025 12:29	30	Planned	Planned Outage.
GEO	03BACMAN_U01	60	08/14/2025 14:31	08/15/2025 4:05	1	Forced	Affected by the tripping of Bacman-Palayan Binary 230kV line.
GEO	03BACMAN_U02	60	07/05/2025 0:00	07/28/2025 23:59	23	Planned	Planned Outage until July 28 2025.
GEO	03BACMAN_U02	60	07/29/2025 0:00	07/30/2025 0:53	1	Forced	Extended outage.
GEO	03BACMAN_U02	60	08/11/2025 14:11	08/12/2025 12:14	1	Forced	Tripped due to the isolation caused by the unplanned outage of Daraga-Bacman 230kV line 2 while line 1 is on planned outage.
GEO	03BACMAN_U03	20	08/11/2025 14:11	08/13/2025 21:43	2	Forced	Tripped due to the isolation caused by the unplanned outage of Daraga-Bacman 230kV line 2 while line 1 is on planned outage.
GEO	03BACMAN_U03	20	08/14/2025 14:31	08/15/2025 19:39	1	Forced	Affected by the tripping of Bacman-Palayan Binary 230kV line.
GEO	03MKBN_B	58	08/21/2025 6:04	08/22/2025 11:08	1	Forced	Emergency shutdown due to correction of weak points.
GEO	03MKBN_D	20	08/04/2025 20:10	08/05/2025 18:11	1	Forced	The unit tripped due to low vacuum.
GEO	03ORMAT_G01	3	07/29/2025 19:08			Forced	Tripped due to pneumatic seal oil problem
GEO	03ORMAT_G01	1.67	08/05/2025 8:03	08/06/2025 21:59	1	Forced	Emergency shutdown due to isolation of brine flow.
GEO	03ORMAT_G01	1.67	08/06/2025 22:58	08/07/2025 3:14	1	Forced	Unit 12 tripped while on load stabilization.
GEO	03ORMAT_G01	3	07/23/2025 0:06	07/29/2025 0:31	6	Maintenance	Maintenance Outage
GEO	03ORMAT_G01	3	07/29/2025 19:08			Forced	Tripped due to pneumatic seal oil problem
GEO	03ORMAT_G01	1.327	08/05/2025 8:03	08/06/2025 21:59	1	Forced	Emergency shutdown due to isolation of brine flow.
GEO	03ORMAT_G01	1.327	08/06/2025 22:58	08/07/2025 3:14	1	Forced	Unit 12 tripped while on load stabilization.
GEO	03ORMAT_G01	3	07/23/2025 0:06	07/29/2025 0:31	6	Maintenance	Maintenance Outage
GEO	03PALAYAN_G01	24	07/28/2025 10:47	07/29/2025 4:16	1	Forced	Affected by the tripping of Daraga-Bacman 230kV line 1.
GEO	03PALAYAN_G01	24	08/11/2025 14:11	08/12/2025 7:45	1	Forced	Turned to house load due to the isolation caused by the unplanned outage of Daraga-Bacman 230kV line 2 while line 1 is on planned outage.
GEO	03PALAYAN_G01	24	08/14/2025 14:31	08/17/2025 18:01	3	Forced	Affected by the tripping of Bacman-Palayan Binary 230kV line.
GEO	03TANAWON_G01	20.2	08/14/2025 14:31	08/15/2025 3:15	1	Forced	Affected by the tripping of Bacman-Palayan Binary 230kV line.
GEO	03TGPP_G01	9.7	07/07/2025 16:54	07/28/2025 21:35	21	Forced	Emergency shutdown due to brine supply

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				Luzon			
GEO	03TGPP_G01	9.7	07/29/2025 0:03	07/30/2025 16:52	1	Forced	Low brine flow.
GEO	03TGPP_G01	9.7	08/08/2025 7:44			Forced	Shutdown due to low brine flow.
GEO	03TIWI_C	57	08/10/2025 7:20	08/11/2025 1:00	1	Forced	The unit tripped due to generator loss of field.
GEO	03TIWI_C	56.8	08/15/2025 0:10			Planned	Planned outage until October 1 2025.
HYD	01ANGAT_A	8.85	08/03/2025 7:50	08/04/2025 17:07	1	Forced	Affected by the unlooping of Angat-San Jose 115kV Line 1 & 3
HYD	01ANGAT_A	8.85	08/03/2025 7:50	08/04/2025 15:38	1	Forced	Affected by the unlooping of Angat-San Jose 115kV Line 1 & 3
HYD	01MARIS_U01	4.3	08/21/2025 7:06			Planned	Planned outage until August 27 2025.
HYD	01MARIS_U02	4.3	08/21/2025 7:06			Planned	Planned outage until August 27 2025.
HYD	01MASIWA_G01	12	07/27/2025 15:52	07/30/2025 15:27	3	Forced	Emergency shutdown due to fire protection activation.
HYD	01MATUNO_G01	8.7	07/25/2025 13:07			Forced	Unplanned shutdown due to clogged intake trash rack.
HYD	01PNTBNG_U01	60	07/23/2025 21:00	07/31/2025 19:00	8	Forced	No irrigation requirement from NIA.
HYD	01PNTBNG_U02	60	07/23/2025 21:00	07/31/2025 19:00	8	Forced	No irrigation requirement from NIA.
HYD	01SROQUE_U01	145	07/14/2025 0:00	08/11/2025 8:00	28	Planned	Planned outage July 14 - August 29 2025
HYD	01SROQUE_U01	145	08/11/2025 20:04	08/12/2025 10:04	1	Planned	Shutdown after the excitation test. Planned outage until August 29 2025.
HYD	01SROQUE_U01	145	08/12/2025 17:21	08/15/2025 0:00	3	Planned	On test after major maintenance. Planned outage until August 29 2025.
HYD	03UPLAB_G01	3.5	08/02/2025 2:20	08/06/2025 18:41	4	Forced	Auto tripped on line breaker.
NATG	03ILIJAN_G01	190	08/09/2025 0:08	08/11/2025 17:41	2	Forced	Turbine borescope inspection.
NATG	03ILIJAN_G01	190	08/11/2025 19:47	08/15/2025 7:23	4	Maintenance	Borescope inspection. Maintenance outage until August 18 2025
NATG	03ILIJAN_G02	190	07/28/2025 8:17	08/08/2025 21:30	11	Forced	Exceeded Equivalent Hour outage Managenent.
NATG	03ILIJAN_G02	190	08/15/2025 18:03			Forced	Shutdown to conduct exhaust expansion joint repair.
NATG	03ILIJAN_G02	190	07/25/2025 15:24	07/28/2025 5:51	3	Maintenance	Turbine Blade Borescope inspection.
NATG	03SNGAB_G01	417.4	07/26/2025 22:25	07/27/2025 20:24	1	Forced	Extraction pump problem.
OIL	01LIMAY_U02	60	08/15/2025 0:00			Planned	Planned Outage from August 15 2025 to November 10 2025.
OIL	01LIMAY_U02	60	08/04/2025 19:10	08/14/2025 23:59	10	Forced	Failed to synchronize due to unusual sound at GT compressor.
OIL	02TMOBIL_G01	63.8	08/01/2025 22:01	08/02/2025 8:25	1	Forced	Affected by the planned outage of Meralco s 115kV line to TMO
OIL	02TMOBIL_G03	55.2	08/01/2025 22:01	08/02/2025 8:25	1	Forced	Affected by the planned outage of Meralco s 115kV line to TMO
OIL	03MALAYA_G01	300	05/03/2019 18:21			Forced	Declared unavailable due to motorization of unit generator caused by the non-opening of phase B of PCB 8-05CB08MAL
OIL	03MALAYA_G02	130	07/24/2024 21:24			Forced	Tripped due to loss prime of CWP

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SOLR	01BURGOS_G02	3.4	08/14/2025 10:27	08/18/2025 10:43	4	Forced	Unplanned outage due to the actuation of over voltage alarm.
Visayas							
BIOF	06HPCO_G01	2	11/12/2023 20:00			Forced	Defective auxiliary of vibration meter.
BIOF	06SCBE_G01	7.4	03/31/2023 10:35			Forced	Plant shutdown
BIOF	06VMC_G01	2.5	04/21/2024 16:20			Forced	Weekly maintenance.
BIOF	08CASA_G01	8	06/20/2025 8:20			Forced	End of export power for CY 2024-2025
BIOF	08CASA_G02	7	06/19/2025 15:06			Forced	Due to end of export power for unit 2 crop year 2024-2025.
COAL	05KSPC_G02	103	08/11/2025 21:11	08/16/2025 12:39	5	Forced	Boiler tube leak.
COAL	05THVI_U02	169	08/05/2025 0:38	08/07/2025 22:58	2	Forced	Emergency shutdown of TVI Unit 2 due to repair of boiler furnace nozzles.
COAL	05TPC_G02	83.6	08/12/2025 23:15			Planned	Planned outage due to Special MOH.
COAL	08PALM_G01	135	08/14/2025 5:15	08/24/2025 9:06	10	Forced	Emergency shutdown possible boiler tube leak
COAL	08PEDC_U01	83.7	07/22/2025 0:01	08/11/2025 23:59	20	Planned	UNDER PMS
GEO	04BILGPP_G01	1	10/05/2024 4:39			Forced	Turbine high vibration trip
GEO	04LEYTE_A	5	08/06/2025 17:05	08/08/2025 1:40	2	Forced	Due to tripping of Mahanagdong B 230kV line
GEO	04LEYTE_A	5	08/10/2025 16:10			Forced	Affected by auto-tripping of Mahanagdong A-Mahanagdong B 230kV Line
GEO	04LEYTE_A	5	08/13/2025 23:54	08/14/2025 9:18	1	Forced	Affected by sudden opening of 5kV main circuit breaker.
GEO	04LEYTE_A	73.12	08/03/2025 16:15	08/04/2025 18:50	1	Forced	On islanding operation. Affected by the activation of Trnsformer Differential Protection caused by lightning strike.
GEO	04LEYTE_A	73.12	08/04/2025 18:50	08/15/2025 10:44	11	Forced	Electrical inspection of Electrical System of the unit
GEO	04LEYTE_A	77.5	07/30/2025 0:25			Forced	Emergency shutdown for vibration correction and trim balancing of elevated vibration at the generator bearing turbine end (Y-axis)
GEO	04LEYTE_A	75.06	08/04/2025 3:34	08/25/2025 6:52	21	Forced	Tripped due to condenser level high indication.
GEO	04LEYTE_A	6.475	08/06/2025 17:05	08/07/2025 19:31	1	Forced	Due to tripping of Mahanagdong B 230kV line
GEO	04LEYTE_A	6.475	08/10/2025 16:10			Forced	Affected by auto-tripping of Mahanagdong A-Mahanagdong B 230kV Line
GEO	04LEYTE_A	30	10/23/2024 8:21			Maintenance	Emergency repair of air cooled condenser
GEO	04LEYTE_A	32	08/14/2025 9:37	08/16/2025 20:05	2	Forced	Emergency outage to facilitate oil purification of TX3 (Main Transformer) due to moisture content. Target is 40hrs after
GEO	04LGPP_G01	41	08/01/2025 0:32			Forced	Emergency shutdown
GEO	04LGPP_G01	40.2	06/23/2025 13:30	07/30/2025 0:45	37	Forced	Emergency shutdown to carry-out replacement of thinned-out piping from the scrubber outlet to main steam turbine outlet.
GEO	04LGPP_G01	40.2	08/23/2025 12:33			Forced	Emergency shutdown to effect inspection caused by change of vibration polar axis.

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Visayas							
GEO	06BBGPP_G01	4.7	09/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
GEO	06PAL1A_G01	37.5	08/25/2025 23:29	08/26/2025 0:00	1	Forced	Unit 2 tripped due to condenser low low.
HYD	04TAFT_G01	5	07/27/2025 21:29			Forced	Due to fault sychronization device.
HYD	04TAFT_G01	5.1	07/25/2025 18:05	07/27/2025 21:33	2	Forced	Affected by isolation of 69kV Paranas-Quinapondan Line during normalization back to normal configuration after pre-arranged activity
HYD	04TAFT_G01	5.1	07/03/2025 15:00	08/12/2025 15:28	40	Forced	Tripped due to activation of under voltage protection.
HYD	04UTH_G01	4.7	08/09/2025 9:11	08/14/2025 15:07	5	Forced	Affected by tripping of 69kV Taft Feeder
HYD	04UTH_G01	4.7	08/16/2025 14:08	08/20/2025 0:04	4	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV line.
HYD	04UTH_G01	4.7	08/20/2025 8:26	08/22/2025 17:18	2	Forced	High guide bearing vibration
HYD	04UTH_G01	4.7	07/08/2025 0:24	07/29/2025 5:34	21	Forced	Affected by tripping of Taft Feeder
HYD	04UTH_G01	4.7	07/29/2025 5:35	08/09/2025 9:24	11	Forced	due to low voltage
HYD	04UTH_G01	4.7	08/14/2025 13:56	08/16/2025 14:21	2	Forced	ERC COC FIT COMPLIANCES INSPECTION. ERC Personnel requested that every unit be run in turns to confirm they are in good condition
HYD	04UTH_G01	4.7	06/17/2025 13:18	08/14/2025 15:05	58	Forced	Affected by tripping of 138kV Omoc-Babatngon line.
HYD	08SUWECO_G01	3.6	08/22/2025 22:00	08/23/2025 6:30	1	Forced	Offline due to flashflood
HYD	08SUWECO_G01	3.6	08/11/2025 14:40	08/12/2025 0:44	1	Forced	Isolated due to line fault along Villasiga tapping point to powerhouse 69kV Line
HYD	08SUWECO_G01	3.6	08/22/2025 22:09	08/23/2025 6:00	1	Forced	Offline due to flashflood
HYD	08SUWECO_G01	0.9	08/22/2025 22:04	08/23/2025 7:09	1	Forced	Offline due to flashflood
HYD	08TIMBA_G01	18	08/13/2025 23:58	08/14/2025 0:14	1	Forced	Isolated due to line fault
OIL	05CARMENDPP_U01	10	08/01/2025 22:05	08/02/2025 1:00	1	Forced	Unit emergency shutdown due to cut-off copper tube for valve gear LO line to transmitter.
OIL	05CARMENDPP_U01	10	08/21/2025 12:29	08/22/2025 21:00	1	Forced	Emergency Shutdown due to lube oil leak
OIL	05CARMENDPP_U01	10	08/23/2025 9:08	08/24/2025 7:00	1	Forced	Unit 1 emergency shutdown due to heavy lube oil leak at generator bearing saddle
OIL	05CARMENDPP_U01	10	08/24/2025 16:44			Forced	Unit 1 emergency shutdown due to heavy lube oil leak at generator bearing saddle coupling side.
OIL	05CARMENDPP_U02	10	08/01/2025 20:14	08/03/2025 0:00	2	Forced	Lube oil pressure low trip
OIL	05CARMENDPP_U02	10	08/11/2025 13:54	08/12/2025 17:17	1	Forced	Unit unable to cut-in due to right bank turbo charger problem.
OIL	05CARMENDPP_U02	10	08/16/2025 14:57	08/24/2025 12:37	8	Forced	Auto-tripped unit due to oil mist intensity
OIL	05CARMENDPP_U03	10	08/24/2025 22:16	08/25/2025 1:07	1	Forced	Unit tripped due to main bearing number 3 temperature high.
OIL	05CARMENDPP_U04	10	08/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining

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Visayas							
OIL	05CPPC_U05	6.5	08/02/2025 0:01	08/16/2025 22:35	14	Planned	Unit on planned outage due to generator servicing.
OIL	05EAUC_U01	11.5	05/13/2024 22:55			Forced	CYLINDER NO. 7 CRANKCASE EXPLOSION
OIL	05EAUC_U04	11.5	08/02/2025 7:30	08/07/2025 17:33	5	Planned	Turbo charger inspection repair and 10K PMS
OIL	05EAUC_U04	11.5	08/07/2025 18:24	08/13/2025 7:00	6	Planned	Break in loading test part of PMS
OIL	05EAUC_U04	11.5	08/13/2025 7:00	08/14/2025 18:30	1	Forced	Turbocharger inspection and repair and 10K PMS (extended outage)
OIL	05TPVI_U01	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	05TPVI_U02	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	05TPVI_U03	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	05TPVI_U04	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	05TPVI_U05	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	05TPVI_U06	5.5	03/31/2025 10:00			Shutdown	Decommissioned
OIL	06CENPRI_U01	4.4	08/15/2025 0:01	08/16/2025 18:23	1	Maintenance	Shutdown to conduct Preventive Maintenance.
OIL	07BDPP_U01	4	08/04/2025 20:01	08/05/2025 1:41	1	Forced	Forced cut out due to heavy smoke coming out at smoke stack.
OIL	07TPLPB4_U01	7	08/14/2025 5:27	08/15/2025 23:50	1	Forced	Able to cut-in at 0524H but affected by the tripping of 13.8kV Main PCB with indication OCR trip.
OIL	07TPLPB4_U04	8	07/31/2025 19:19	08/01/2025 6:21	1	Forced	Excessive gas leak at relief valve.
OIL	08PDPP1_U02	5	08/04/2025 15:25			Forced	Low compression at cylinder 14
OIL	08STBPB1_U01	6	08/19/2025 19:36	08/20/2025 2:03	1	Forced	Due to excessive common steam line leak.
OIL	08STBPB1_U02	6	08/19/2025 19:36	08/20/2025 2:03	1	Forced	Due to excessive common steam line leak.
OIL	08STBPB1_U03	6	08/19/2025 19:36	08/20/2025 2:03	1	Forced	Due to excessive common steam line leak.
OIL	08STBPB1_U04	6	08/19/2025 19:36	08/20/2025 2:03	1	Forced	Due to excessive common steam line leak.
SOLR	04SEPSOL_G01	40.5	08/18/2025 11:56	08/19/2025 0:00	1	Forced	Affected by auto-tripping of Ormoc- San Isidro 69kV Line
SOLR	06SACSUN_G01	46.8	08/14/2025 20:03	08/15/2025 3:15	1	Planned	PMS of Power Transformer.
SOLR	06SACSUN_G01	46.8	08/15/2025 19:46	08/16/2025 8:02	1	Planned	PMS of Power Transformer.
SOLR	06SACSUN_G01	46.8	08/16/2025 19:27	08/17/2025 3:41	1	Planned	PMS of Power Transformer.
SOLR	06SACSUN_G01	46.8	08/23/2025 19:04	08/24/2025 3:09	1	Maintenance	MAINTENANCE OF SUBSTATION EQUIPMENT
SOLR	06SLYSOL_G01	20	07/25/2025 19:14	07/26/2025 0:24	1	Forced	Shutdown to conduct PMS of Substation and Inverter Station equipment.
WIND	08PWIND_G02	13.2	08/04/2025 6:01	08/06/2025 17:22	2	Forced	Connection of remaining WTG at tapping point
WIND	08PWIND_G02	13.2	08/11/2025 9:08	08/13/2025 14:15	2	Forced	Conduct maintenance activities

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ANNEX
OUTAGE SUMMARY
26 July - 25 August 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Mindanao			
BAT	11VILLA_BAT	20	08/21/2025 13:26	08/24/2025 18:40	3	Planned	Customer request shutdown. ETC Aug. 24 2025. (Planned Outage)
BIOF	09LIBPOWR_G01	6	08/03/2025 5:00	08/13/2025 13:00	10	Maintenance	PMS(Non-GOMP). ETC August 13 2025.
BIOF	14BIOMS_U01	5.7	10/08/2024 15:56			Forced	Tripped due to SOCOTECO 1 69KV(SRB)line power outage.
BIOF	14LAMSAN_G01	15	07/14/2025 0:03	07/29/2025 8:19	15	Planned	PMS (GOMP). ETC July 29 2025. (Planned Outage)
BIOF	14SPGI_U01	6	07/26/2025 19:43	08/06/2025 15:30	11	Forced	Auto-tripped. Affected by the forced outage of SOCOTECO I 69kV feeder. (OMC Outage)
COAL	10GNPK_U02	151	08/24/2025 0:03			Planned	PMS(GOMP). ETC September 26 2025. (Planned outage)
COAL	10GNPK_U02	151	08/09/2025 0:04	08/10/2025 10:09	1	Forced	Emergency Shutdown due to excessive steam leak from Feedwater Pump B. ETC
COAL	10PPEI_U01	24.1	07/05/2025 13:56			Forced	Emergency S D due to high vibration on the motor condensate pump. (Forced Outage)
COAL	11FDC_U01	135	07/24/2025 0:59			Forced	The plant was shut down (gradual unloading) due to a tube leak problem. (Forced
COAL	11STEAG_U01	105	08/04/2025 4:00	08/05/2025 8:04	1	Forced	Emergency shutdown to facilitate inspection of coal mills. (Forced Outage)
COAL	11STEAG_U02	105	07/12/2025 0:00	08/02/2025 9:49	21	Planned	PMS(GOMP). ETC August 05 2025.
COAL	13DCPP_U01	151.4	07/31/2025 10:51	08/08/2025 13:27	8	Forced	Emergency shutdown due to Boiler tube leak. ETC 08 08 2025 (Forced Outage)
COAL	13SMC_U02	150	07/06/2025 1:25	07/27/2025 2:15	21	Planned	PMS (GOMP). ETC July 26 2025. (Planned Outage)
COAL	13SMC_U02	150	07/30/2025 17:32	08/07/2025 1:42	8	Forced	Tripped due to furnace pressure high-high. Boiler tube leak ETC 08 07 2025 2359H
COAL	14SARANG_U01	122	08/17/2025 18:43	08/23/2025 17:02	6	Forced	Auto-tripped. Due to by Boiler tube leak. Ind. Main Fuel Trip (MFT). (Forced Outage).
COAL	14SARANG_U02	122	07/31/2025 17:07	08/08/2025 11:35	8	Forced	Plant tripped. Reason Boiler tube leak. ETC 08 05 2025 (Forced Outage)
GEO	14MTAPO_U03	3.6	08/19/2025 0:09			Planned	PMS (GOMP). ETC August 31 2025. (Planned Outage)
HYD	10AGUS1_U02	35	07/08/2025 8:02			Planned	PMS (GOMP). ETC October 5 2025
HYD	10AGUS2_U03	60	08/20/2025 8:05			Planned	PMS(GOMP). ETC September 1 2025
HYD	10AGUS1_U02	35	07/08/2025 8:02			Planned	PMS (GOMP). ETC October 5 2025
HYD	10AGUS2_U03	60	08/20/2025 8:05			Planned	PMS(GOMP). ETC September 1 2025
HYD	10AGUS4_U02	52.7	08/12/2025 8:03			Planned	PMS (GOMP). ETC September 01 2025. (Planned Outage)
HYD	10AGUS6_U01	34.5	08/01/2025 9:02			Planned	PMS(GOMP). ETC September 15 2025
HYD	10AGUS6_U02	34.5	08/09/2025 9:13	08/10/2025 0:35	1	Maintenance	Maintenance. (Non-GOMP Planned Outage)
HYD	11MANFOR_G02	6.8	07/24/2025 11:28			Forced	Auto-tripped. Cause Indication For verification. (Force Outage)

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ANNEX
OUTAGE SUMMARY
26 July - 25 August 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
HYD	11PULA4_U02	75	08/16/2025 18:59	08/17/2025 0:52	1	Forced	Auto-tripped. Indication Excitation trip. (Forced Outage)
HYD	13EUROH_G01	3	08/21/2025 23:53	08/22/2025 0:35	1	Forced	Isolated. Directly affected by NORDECO s power supply forced outage. (OMC Outage)
HYD	13SIBULAN_G01	8.75	08/11/2025 23:33	08/12/2025 3:10	1	Forced	Auto-tripped due to governor tripped difference in nozzle opening. (Forced Outage)
HYD	14ALMADA_G01	2.6	07/24/2025 0:10	08/13/2025 9:35	20	Forced	Plant shutdown due to generator failure diode busted time. (Forced Outage)
HYD	14ALMADA_G01	2.6	08/16/2025 18:17			Forced	Isolated. Affected by the forced outage of COTELCO PPALMA S feeder. (OMC Outage)
HYD	14MARBEL_U01	0.5	08/02/2025 7:46	08/04/2025 0:35	2	Forced	Plant shutdown due to NIA intake shutdown. (OMC Outage)
HYD	14MARBEL_U01	0.5	08/11/2025 7:05			Forced	End of milling season.
OIL	09WMPC_U01	10.2	08/04/2025 14:52	08/05/2025 1:52	1	Forced	Tripped. Ind. Cylinder A1 exhaust gas leak. (Unplanned Outage)
OIL	09WMPC_U02	10.2	08/01/2025 16:35	08/04/2025 12:41	3	Forced	Tripped. Indication HT Low pressure stop. (Forced Outage)
OIL	09WMPC_U02	10.2	08/06/2025 15:00	08/18/2025 12:00	12	Forced	Tripped. Ind. HP high temperature stop. (Unplanned Outage)
OIL	09WMPC_U04	10.2	08/03/2025 19:40	08/04/2025 12:00	1	Forced	Emergency shutdown due to exhaust gas leak B5. (Forced Outage)
OIL	09WMPC_U06	10.2	07/31/2025 18:05	08/01/2025 14:10	1	Forced	Tripped due to turbo charger vibration B-Bank. (Forced Outage)
OIL	09WMPC_U06	10.2	08/01/2025 16:06	08/02/2025 17:00	1	Forced	Tripped due to Turbo charge B-bank vibration. (Forced Outage)
OIL	09WMPC_U06	10.2	08/04/2025 9:27	08/06/2025 21:00	2	Forced	Tripped. Ind. Turbo Vibration Alarm. (Unplanned Outage)
OIL	09WMPC_U07	10	07/31/2025 18:40	08/01/2025 14:10	1	Forced	Tripped due to HT low pressure stop. (Forced Outage)
OIL	09WMPC_U08	10.1	08/01/2025 19:26	08/02/2025 14:20	1	Forced	Emergency shutdown due to exhaust gas leak A1. (Forced Outage)
OIL	10MEGC_G01	6.4	08/04/2025 8:00	08/08/2025 23:59	4	Planned	GOMP (Planned Shutdown). ETC Aug. 8 2025
OIL	10MEGC_G01	6.4	08/09/2025 0:00	08/14/2025 17:00	5	Maintenance	Maintenance cont d. from GOMP Planned Outage ended on 08 08 25. ETC 08 12 25 (Unplanned Outage)
OIL	10MEGC_G01	6.4	08/04/2025 8:00	08/08/2025 23:59	4	Planned	GOMP (Planned Shutdown). ETC Aug. 8 2025
OIL	10MEGC_G01	6.4	08/09/2025 0:00	08/14/2025 17:00	5	Maintenance	Maintenance cont d. from GOMP Planned Outage ended on 08 08 25. ETC 08 12 25 (Unplanned Outage)
OIL	12KEGGIN_G01	10.6	04/15/2024 15:05			Forced	Failed to synchronize due to low SF6 Pressure on PCB. (Forced Outage)
OIL	13TM1_U01	49	08/11/2025 0:01	08/13/2025 22:43	2	Planned	PMS (GOMP). ETC August 13 2025. (Planned Outage)
OIL	13TM1_U02	50	08/14/2025 0:01	08/18/2025 15:00	4	Planned	PMS (GOMP). ETC August 18 2025. (Planned Outage)

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ANNEX
CONGESTED LINES AND EQUIPMENTS
26 July - 25 August 2025

Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
DASMA_CORR	342	3.8%
11MARA_13BUN2	74	0.8%
1MEXI_1HER2	27	0.3%
AG2_TO_BALO	23	0.3%
1BAKUN_TR2	16	0.2%
8PANITA_TR1	6	0.1%
1ANGAT_TR3	5	0.1%
3MKBNB_TR3	5	0.1%
1BAKUN_TR1	5	0.1%
14TACUR_TR2	4	0.04%
10BALO_11TAG1	3	0.03%
5DAAN_4TAB2	2	0.02%

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.

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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