MONTHLY MARKET STATISTICS

SEPTEMBER 2025

(26 August to 25 September 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 August - 25 September 2025

Total Registered Capacity (MW)

29,890 0.74% ▲

Previous Month: 29,672

Average Demand (MW)

13,788 3.12% ▼

Previous Month: 14,232

Average Capacity Offered/Nominated (MW)

20,514 68.63% of the total Registered Capacity

Previous Month: 20,448

Average Capacity Not Offered/Nominated (MW)

5,434 18.18% of the total Registered Capacity

Previous Month: 5,490

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

3,152 34.95% ▼

Previous Month: 4,845

Average Capacity of Plants on Commissioning (MW)

275 0.92% of the total Registered Capacity

Previous Month: 163

Average Capacity on Outage (MW)

3,540 11.84% of the total Registered Capacity

Previous Month: 3,564

Average Effective Supply (MW)

16,921 1.62% ▼

Previous Month: 17,200

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MARKET OUTCOME
REGIONAL AT A GLANCE

26 August - 25 September 2025

Philippine Electricity Market Corporation

Luzon

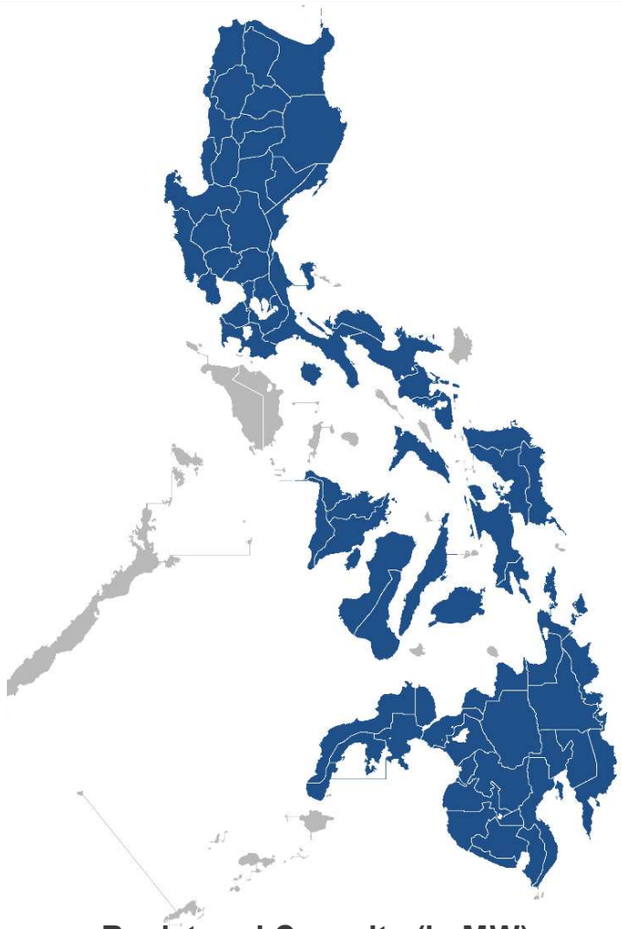
Total Registered Capacity (MW)	21,790.00
Average Effective Supply (MW)	11,876.58
Average Demand (MW)	9,740.98

Visayas

Total Registered Capacity (MW)	3,718.60
Average Effective Supply (MW)	2,415.26
Average Demand (MW)	1,946.50

Mindanao

Total Registered Capacity (MW)	4,381.50
Average Effective Supply (MW)	2,629.49
Average Demand (MW)	2,100.58



Zones	LWAP	Month-on-Month % Change
Northern Luzon	2,628.02	33.10%▼
Metro Manila	2,662.45	32.15%▼
Southern Luzon	2,607.11	33.21%▼
Bohol	4,396.50	38.00%▼
Cebu	4,295.82	38.44%▼
Leyte	4,315.82	41.38%▼
Negros	4,391.67	38.57%▼
Panay	4,474.49	39.34%▼
Lanao	4,027.53	36.27%▼
North Central	4,179.69	39.88%▼
North-East	4,747.85	39.86%▼
North-West	4,920.02	35.38%▼
South-East	4,515.10	39.79%▼
South-West	4,599.43	41.73%▼

Registered Capacity (in MW)

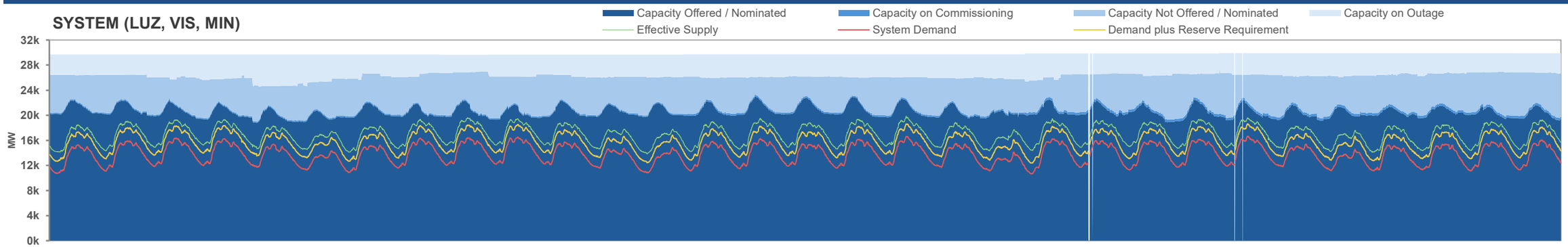
	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,760.60	4,554.50	772.70	2,556.30	1,679.30	408.20	2,468.30	155.60	434.50
Visayas	1,329.70	-	857.00	65.90	452.00	102.80	581.30	191.50	138.40
Mindanao	2,239.60	-	105.00	1,161.50	648.70	-	67.20	59.50	100.00

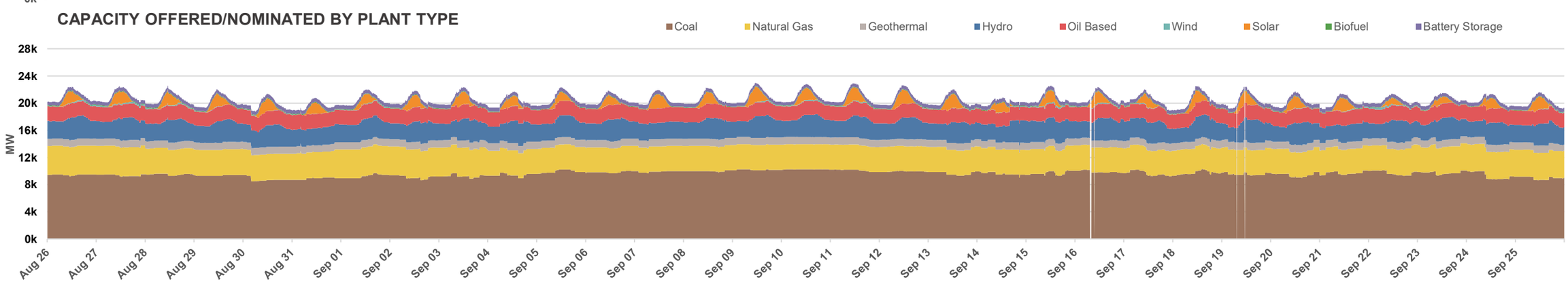
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MARKET OUTCOME
CAPACITY PROFILE

26 August - 25 September 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	13,830.36	09/07/2025 6:10	19,836.00	09/12/2025 13:45	16,921.33	1.62%▼
Luzon	9,591.76	09/07/2025 6:05	14,009.22	09/12/2025 13:45	11,876.58	1.66%▼
Visayas	1,893.60	09/01/2025 4:00	2,921.00	09/19/2025 13:55	2,415.26	2.85%▼
Mindanao	2,079.14	08/26/2025 3:25	3,175.94	09/24/2025 13:45	2,629.49	0.28%▼
Demand Plus Reserve Requirement						
System	12,368.56	09/15/2025 3:35	18,611.33	09/12/2025 13:40	15,666.54	3.34%▼
Luzon	8,517.29	09/15/2025 3:30	13,022.30	08/29/2025 14:15	11,004.12	3.62%▼
Visayas	1,721.47	09/01/2025 4:00	2,820.86	09/19/2025 14:25	2,286.67	3.27%▼
Mindanao	1,792.94	08/26/2025 4:00	2,974.54	09/24/2025 13:45	2,375.75	2.12%▼

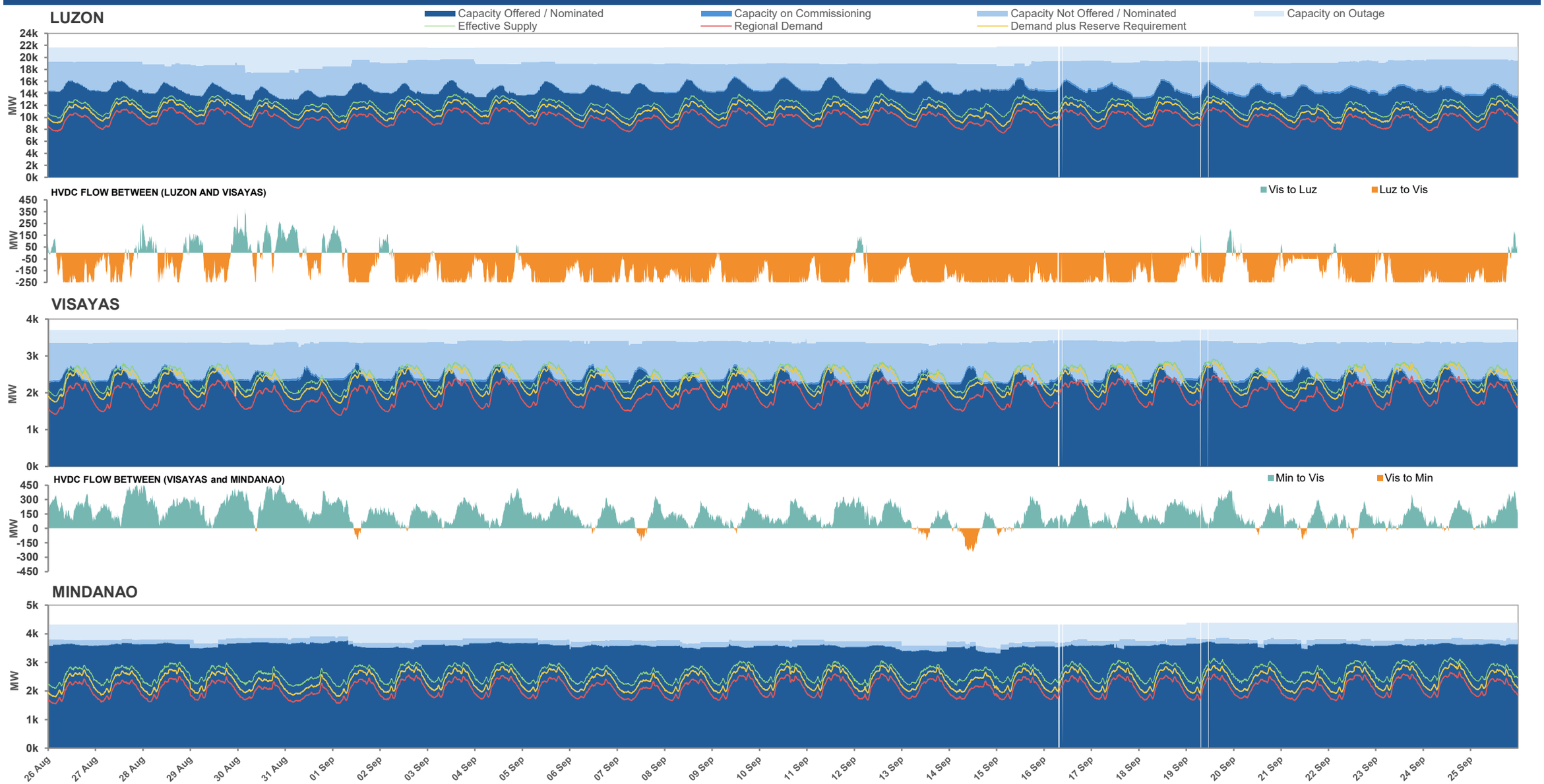
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	8,492.60	08/30/2025 4:10	10,298.70	09/18/2025 14:40	9,590.01	4.37%▲
Natural Gas	3,682.40	09/04/2025 0:05	4,245.40	08/26/2025 0:05	3,823.41	7.05%▼
Geothermal	887.90	09/25/2025 23:15	1,137.90	09/18/2025 21:35	1,063.38	1.92%▼
Hydro	2,020.50	09/20/2025 7:50	3,422.10	09/19/2025 16:50	2,755.77	3.79%▲
Oil Based	1,983.70	09/14/2025 21:50	2,156.10	08/28/2025 0:05	2,109.39	0.33%▼
Wind	1.70	09/07/2025 13:50	321.70	09/22/2025 5:10	56.94	41.78%▼
Solar	0.10	08/26/2025 18:55	2,243.70	09/09/2025 11:25	864.16	11.84%▼
Biofuel	55.90	09/23/2025 13:15	112.70	08/26/2025 0:05	92.35	6.23%▼
Battery Storage	447.30	09/16/2025 10:30	555.00	08/30/2025 0:05	526.41	0.24%▲

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MARKET OUTCOME
CAPACITY PROFILE

26 August - 25 September 2025

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MARKET OUTCOME
CAPACITY PROFILE

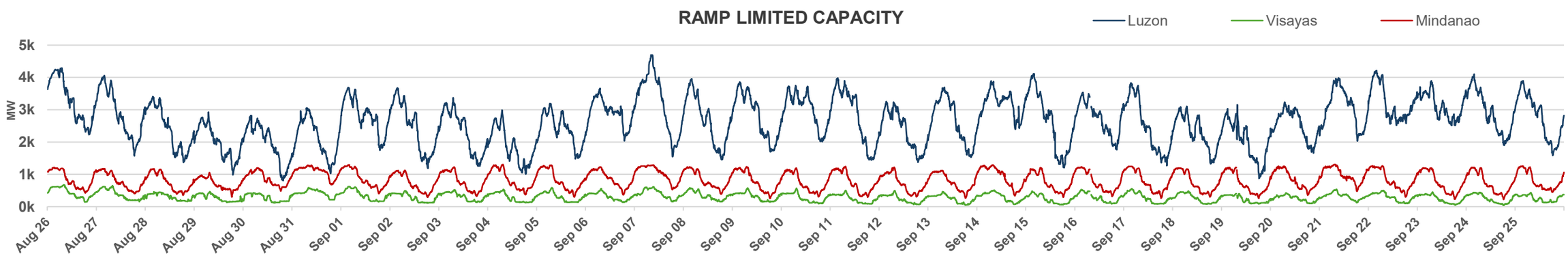
26 August - 25 September 2025

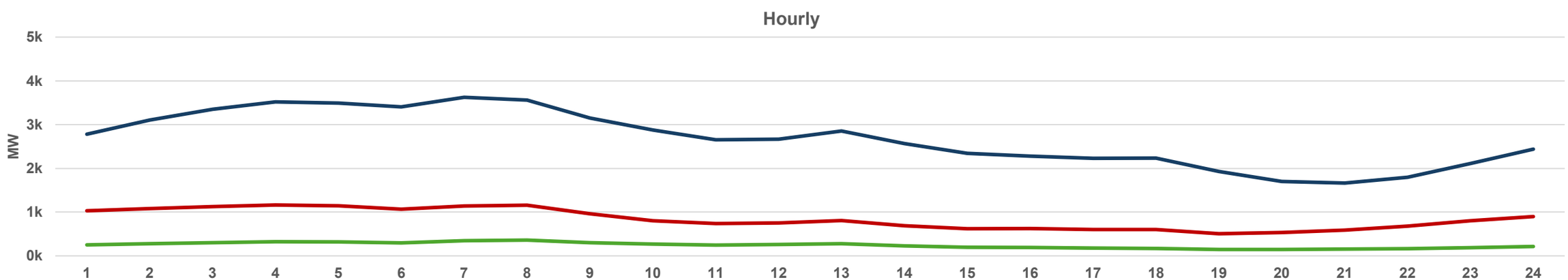
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HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	1.23	250.00	86%	8.34%▲
Vis-Luz	0.14	389.12	13%	33.60%▼
Vis-Min	0.21	248.99	8%	6.66%▼
Min-Vis	0.02	450.00	92%	0.39%▲

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

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Ramp Limited Capacity						
System	1,236.75	09/19/2025 18:25	6,551.74	09/07/2025 8:40	3,740.44	11.08%▲
Luzon	806.11	08/30/2025 19:40	4,698.13	09/07/2025 8:05	2,637.79	8.13%▲
Visayas	36.69	09/24/2025 18:35	669.43	08/26/2025 8:15	293.59	24.55%▲
Mindanao	223.17	09/24/2025 18:30	1,306.03	09/04/2025 7:30	815.36	17.81%▲

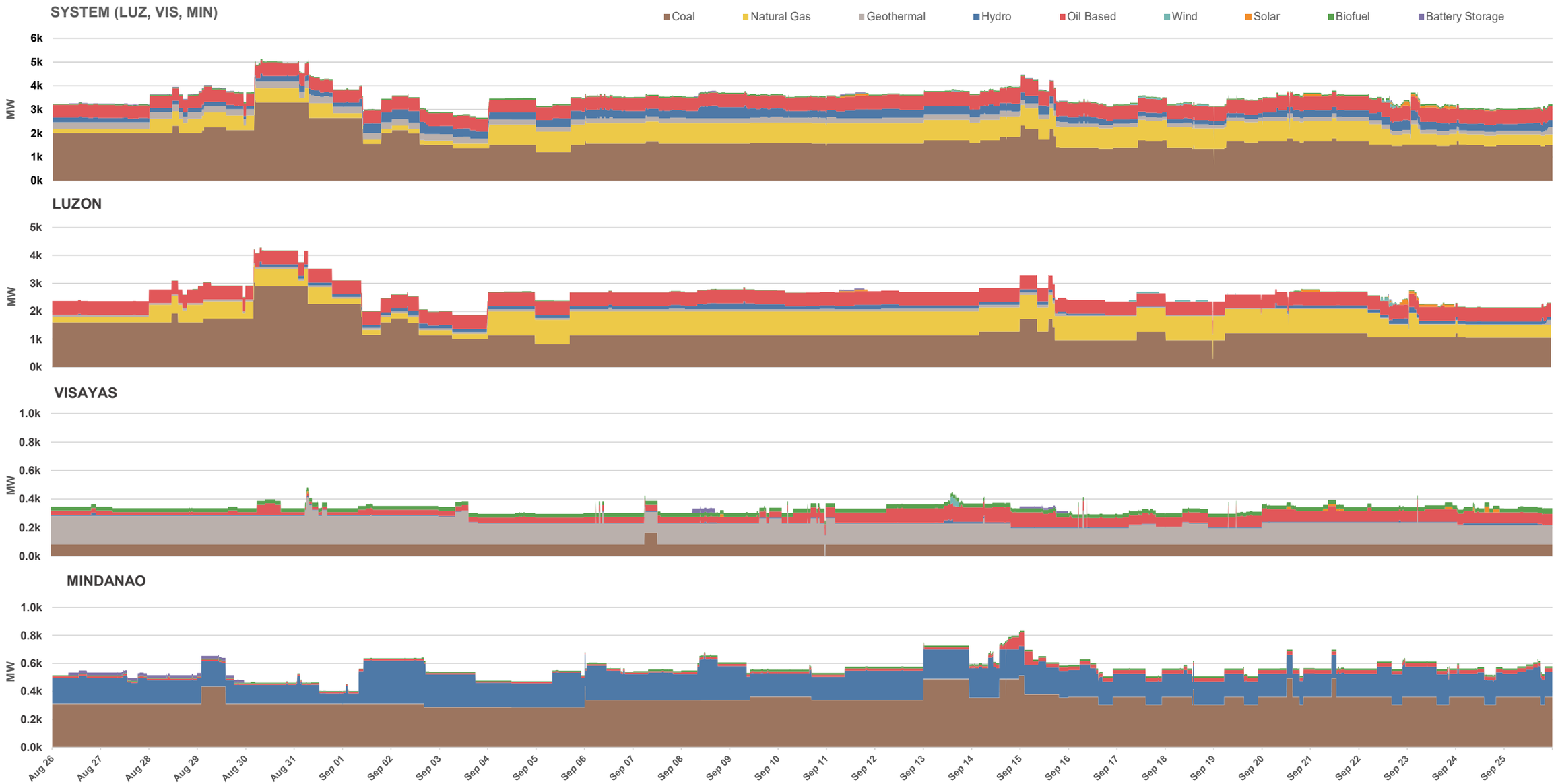




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MARKET OUTCOME
OUTAGE BY PLANT TYPE
26 August - 25 September 2025

Philippine Electricity Market Corporation



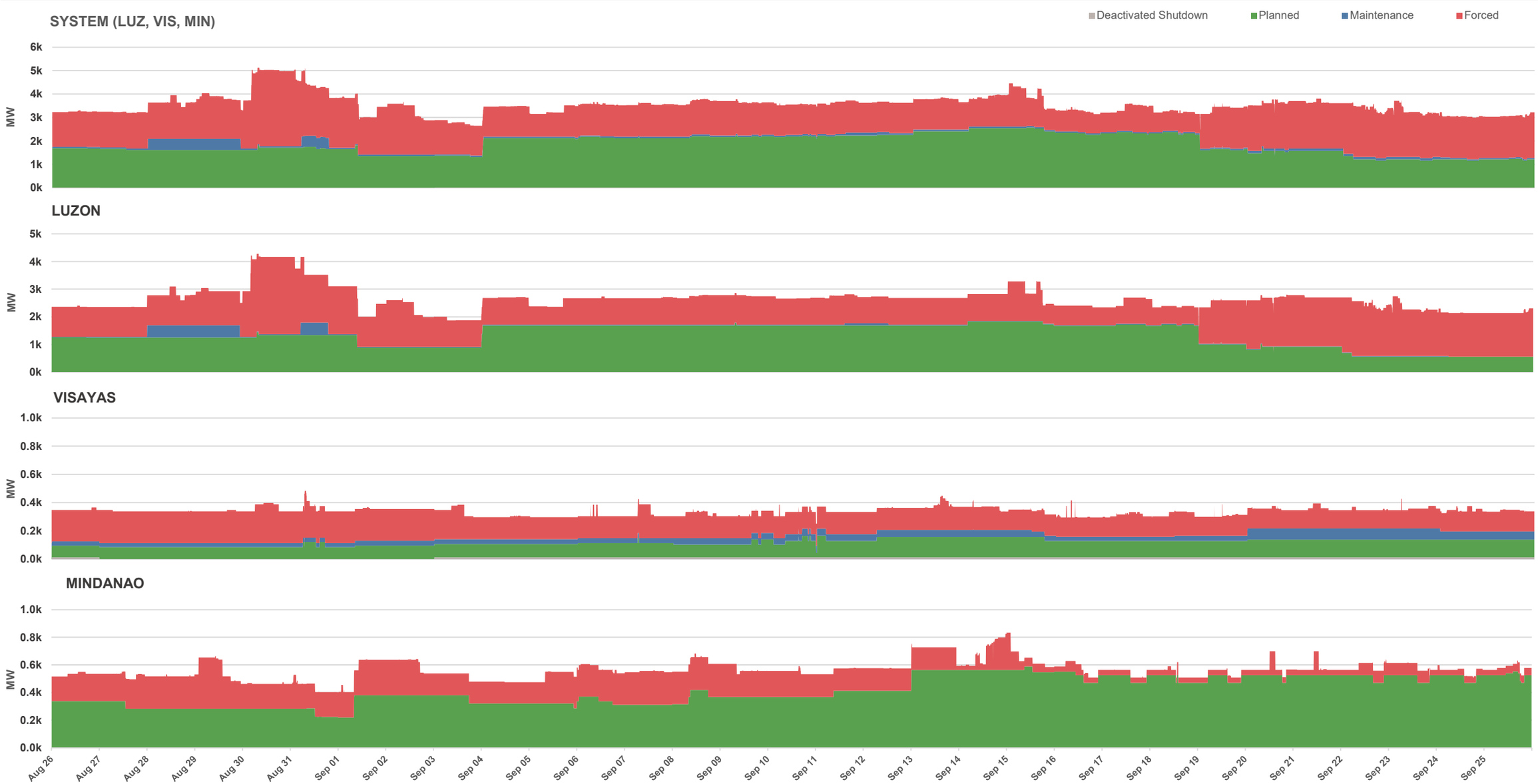
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MARKET OUTCOME

OUTAGE BY CATEGORY

26 August - 25 September 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 August - 25 September 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	679.80	09/19/2025 0:05	3,428.70	08/30/2025 4:10	1,733.82	22.11%▼
Natural Gas	190.00	08/26/2025 0:05	863.00	09/04/2025 0:20	672.83	214.89%▲
Geothermal	137.00	09/16/2025 19:45	401.48	08/31/2025 7:00	217.74	23.76%▼
Hydro	137.10	08/29/2025 18:10	537.70	09/09/2025 7:05	286.52	31.06%▲
Oil Based	522.10	08/27/2025 6:45	694.30	09/15/2025 0:05	569.17	4.24%▲
Wind	36.70	09/13/2025 16:20	131.00	09/22/2025 11:30	61.89	248.46%▲
Solar	14.50	08/31/2025 6:50	189.50	09/22/2025 22:15	64.42	51.08%▲
Biofuel	37.70	08/26/2025 0:05	82.90	09/04/2025 17:15	45.87	12.71%▼
Battery Storage	14.20	09/15/2025 0:05	40.00	09/11/2025 6:30	21.92	50.61%▼

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	293.20	09/19/2025 0:05	3,035.00	08/30/2025 4:10	1,309.87	24.13%▼
Natural Gas	190.00	08/26/2025 0:05	863.00	09/04/2025 0:20	672.83	214.89%▲
Geothermal	20.20	09/16/2025 19:45	184.20	09/25/2025 21:55	55.55	25.23%▼
Hydro	4.30	08/26/2025 17:30	291.90	09/09/2025 7:05	101.95	17.78%▼
Oil Based	490.00	08/26/2025 0:05	609.00	08/29/2025 0:25	491.21	3.89%▲
Wind	50.00	09/22/2025 12:30	131.00	09/22/2025 11:30	63.87	20.16%▼
Solar	16.00	09/23/2025 17:40	189.50	09/22/2025 22:15	82.17	183.55%▲
Biofuel	5.10	08/26/2025 0:05	50.30	09/04/2025 17:15	13.11	6.59%▼
Battery Storage	40.00	09/11/2025 6:30	40.00	09/11/2025 6:30	40.00	20.15%▼

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	08/26/2025 0:05	166.70	09/07/2025 6:10	84.38	46.50%▼
Natural Gas	-		-			
Geothermal	113.20	09/14/2025 19:40	331.38	08/31/2025 7:00	159.05	30.92%▼
Hydro	4.70	09/14/2025 16:45	30.20	09/13/2025 12:55	5.99	61.03%▼
Oil Based	21.50	08/27/2025 6:45	119.70	09/13/2025 18:50	59.60	57.89%▲
Wind	36.70	09/13/2025 16:20	49.90	09/13/2025 13:55	44.72	159.00%▲
Solar	14.50	08/31/2025 6:50	40.50	09/24/2025 14:20	19.80	55.95%▼
Biofuel	26.90	08/26/2025 0:05	39.60	09/25/2025 6:50	27.19	0.64%▼
Battery Storage	14.20	09/15/2025 0:05	30.00	09/08/2025 6:05	19.19	

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	286.00	09/02/2025 16:25	512.00	09/14/2025 23:35	339.62	0.69%▼
Natural Gas	-		-			
Geothermal	3.60	08/26/2025 0:05	3.60	08/26/2025 0:05	3.60	0.00%▼
Hydro	72.10	08/31/2025 13:45	315.10	09/08/2025 11:15	190.03	79.20%▲
Oil Based	10.60	08/26/2025 0:05	96.80	09/15/2025 0:05	18.35	48.19%▼
Wind	-		-			
Solar	-		-			
Biofuel	5.70	08/26/2025 0:05	11.70	08/30/2025 2:25	9.46	18.01%▼
Battery Storage	20.00	08/26/2025 8:05	20.00	08/26/2025 8:05	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	1,149.80	09/25/2025 18:45	2,560.30	09/15/2025 9:05	1,851.20	38.91%▲
Maintenance	52.20	09/16/2025 0:05	479.20	08/28/2025 0:05	103.02	15.13%▼
Forced	821.90	09/18/2025 21:30	3,355.48	08/30/2025 4:10	1,576.49	25.30%▼
Deactivated Shutdown	11.50	08/26/2025 0:15	11.50	08/26/2025 0:15	11.50	

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	554.00	09/22/2025 5:05	1,825.80	09/14/2025 4:05	1,326.43	22.35%▲
Maintenance	22.20	09/09/2025 15:30	449.20	08/28/2025 0:05	62.73	24.16%▼
Forced	648.90	09/16/2025 19:45	2,947.20	08/30/2025 4:10	1,253.13	11.89%▼
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	32.50	09/10/2025 23:35	153.70	09/11/2025 0:05	110.00	21.85%▲
Maintenance	30.00	08/26/2025 0:05	78.20	09/20/2025 0:05	43.87	32.24%▲
Forced	125.10	09/14/2025 20:15	331.78	08/31/2025 7:00	175.25	50.46%▼
Deactivated Shutdown	11.50	08/26/2025 0:15	11.50	08/26/2025 0:15	11.50	

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	220.50	09/01/2025 0:05	589.30	09/15/2025 9:05	414.78	162.12%▲
Maintenance	-		-			
Forced	28.50	09/13/2025 22:55	377.70	08/29/2025 10:20	148.11	55.70%▼
Deactivated Shutdown	-		-			

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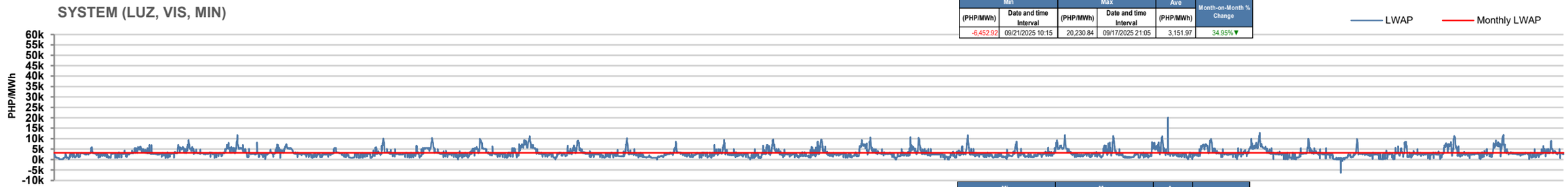
MARKET OUTCOME
MARKET PRICE

26 August - 25 September 2025

Philippine Electricity Market Corporation

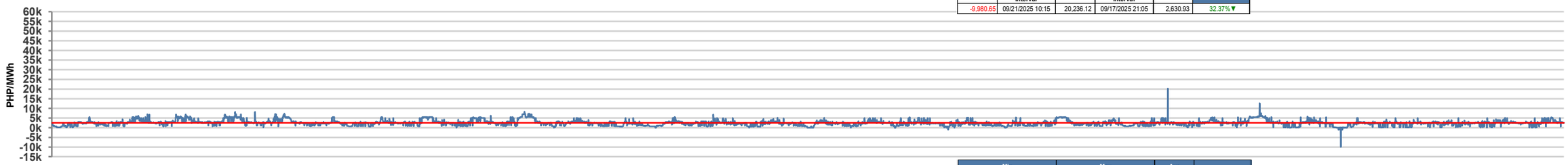
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-6,452.92	09/21/2025 10:15	20,230.84	09/17/2025 21:05	3,151.97	34.95%▼



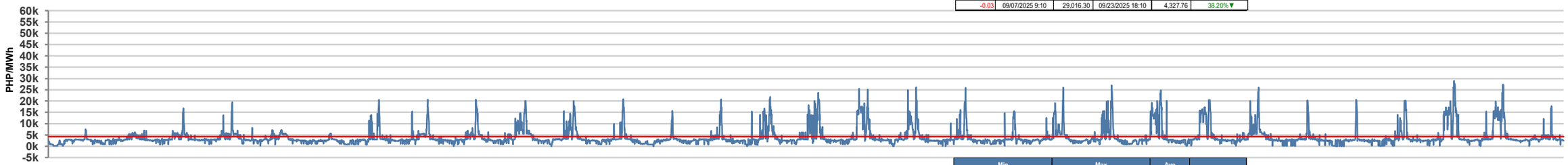
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-9,980.65	09/21/2025 10:15	20,236.12	09/17/2025 21:05	2,630.93	32.37%▼



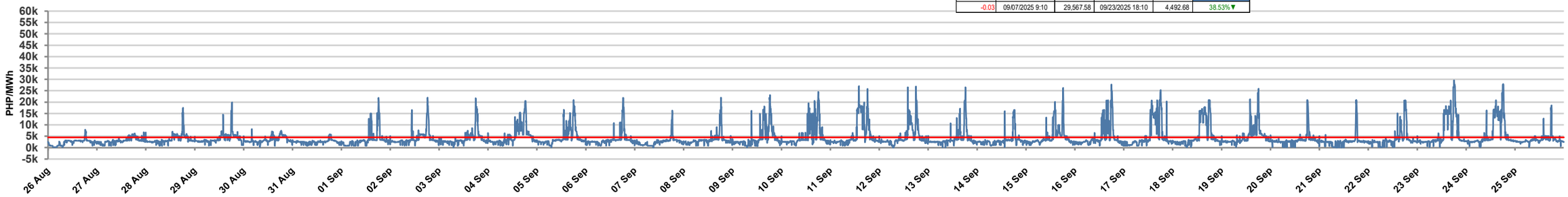
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-0.03	09/07/2025 9:10	29,016.30	09/23/2025 18:10	4,327.76	38.20%▼



MINDANAO

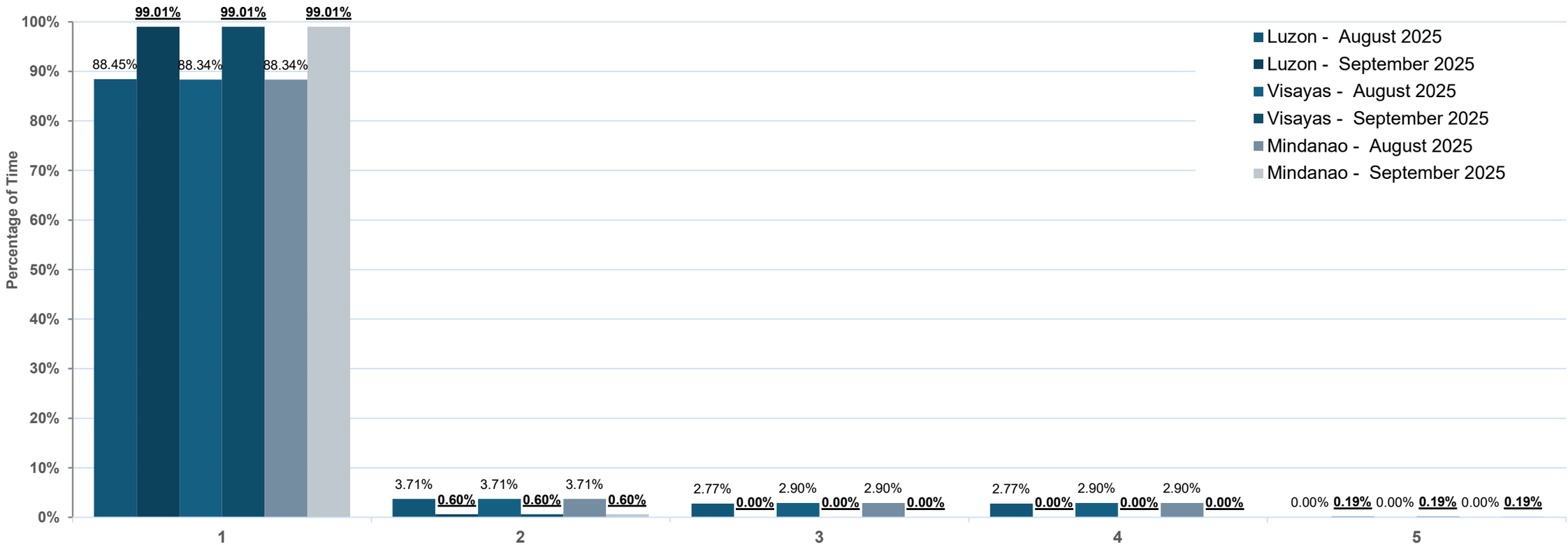
Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-0.03	09/07/2025 9:10	29,567.58	09/23/2025 18:10	4,492.68	38.53%▼



PUBLIC

MARKET OUTCOME
PRICING CONDITION
26 August - 25 September 2025

Philippine Electricity Market Corporation



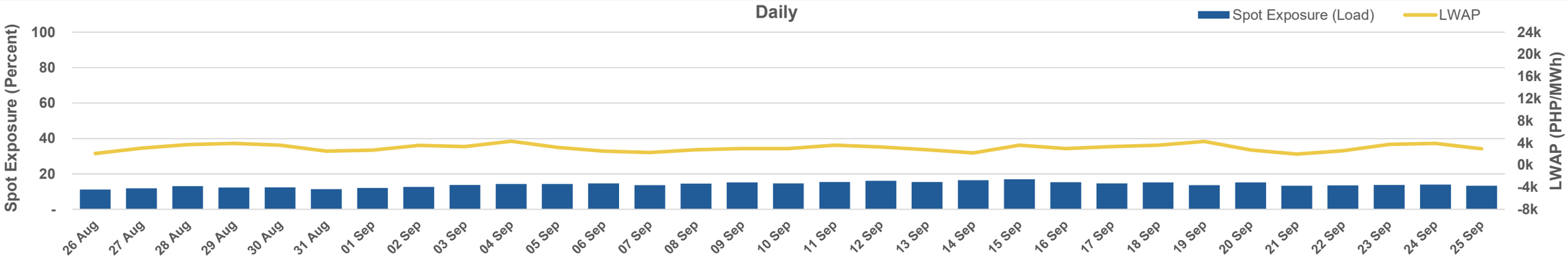
		Normal		Pricing Error Notice		Price Substitution Methodology		Secondary Price Cap		Administered Price	
Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	August 2025	7,897	88.45%	331	3.71%	453	5.07%	247	2.77%	-	0.00%
	September 2025	8,840	99.01%	54	0.60%	17	0.19%	0	0.00%	17	0.19%
Visayas	August 2025	7,887	88.34%	331	3.71%	451	5.05%	259	2.90%	-	0.00%
	September 2025	8,840	99.01%	54	0.60%	17	0.19%	0	0.00%	17	0.19%
Mindanao	August 2025	7,887	88.34%	331	3.71%	451	5.05%	259	2.90%	-	0.00%
	September 2025	8,840	99.01%	54	0.60%	17	0.19%	0	0.00%	17	0.19%

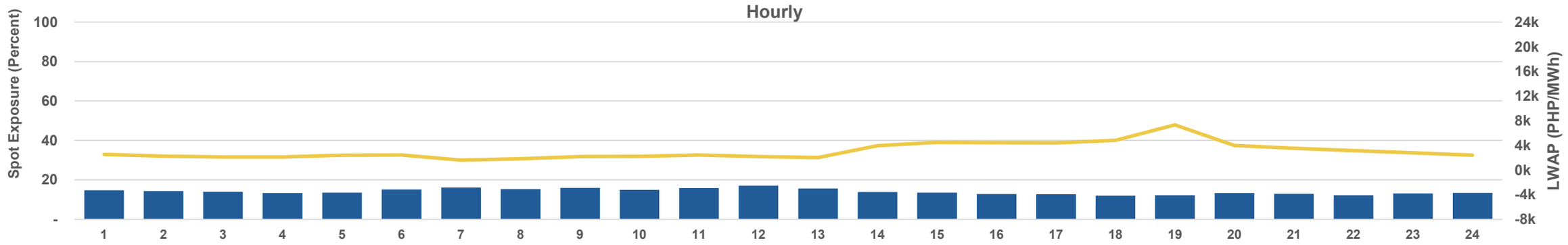
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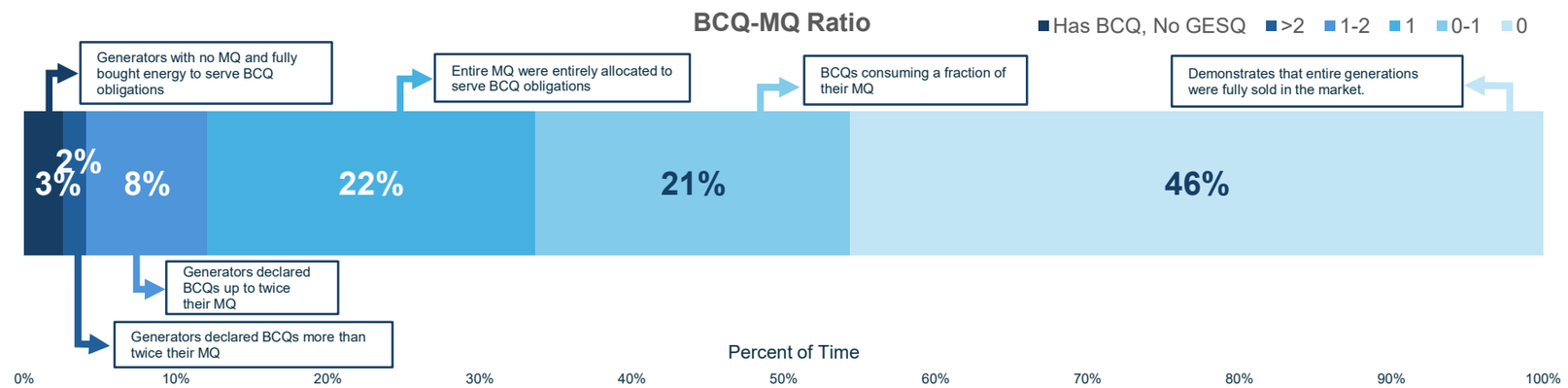
MARKET OUTCOME
SPOT EXPOSURE

26 August - 25 September 2025

Philippine Electricity Market Corporation







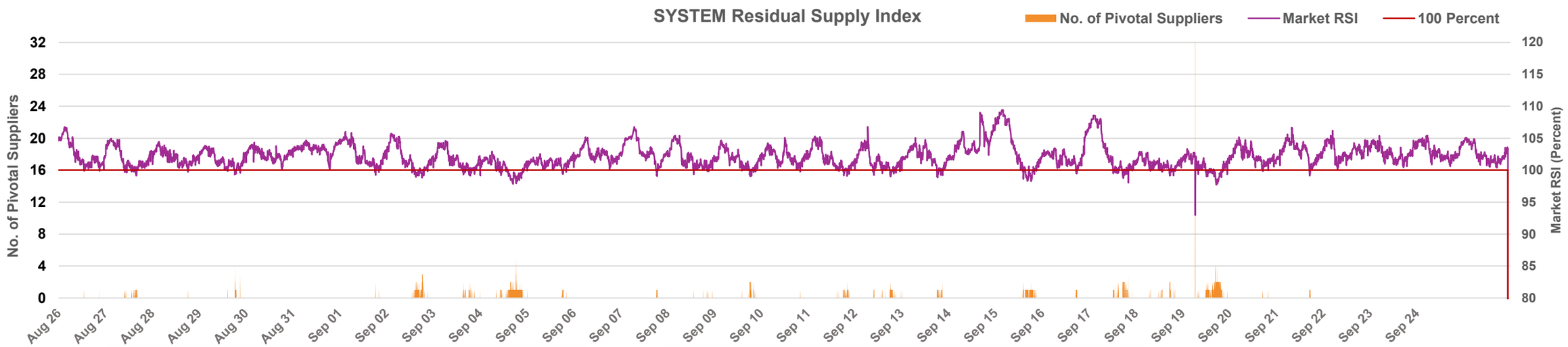
Legend	% of Time	Remarks
Has BCQ, No GESQ	3%	Generators with no MQ and fully bought energy to serve BCQ obligations
>2	2%	Generators declared BCQs more than twice their MQ
1-2	8%	Generators declared BCQs up to twice their MQ
1	22%	Entire MQ were entirely allocated to serve BCQ obligations
0-1	21%	BCQs consuming a fraction of their MQ
0	46%	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 August - 25 September 2025

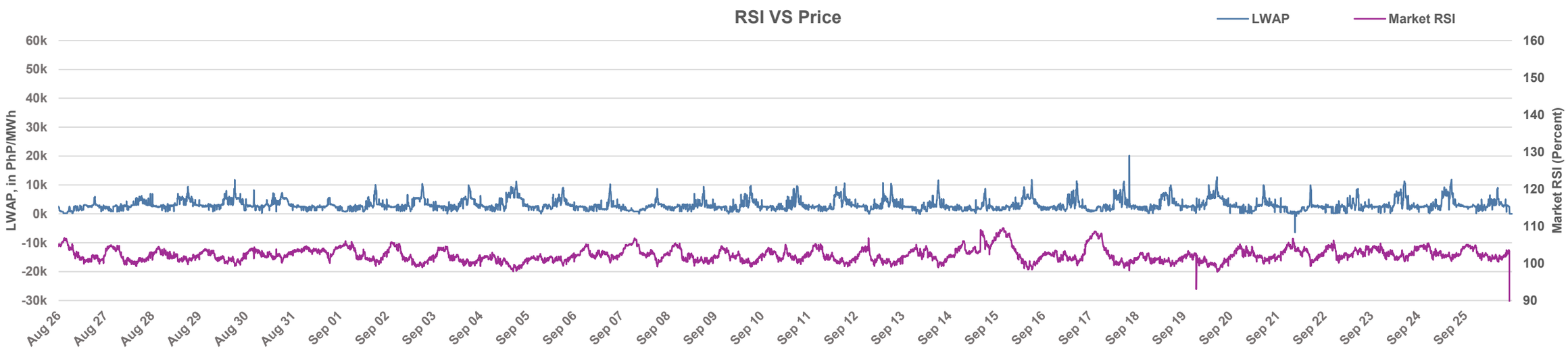
Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	109.48	1,557.08	09/15/2025 3:55
Min	92.98	1,636.22	09/19/2025 7:30

Price (PHP/MWh)		RSI	Time Interval
Max	20,230.84	98.02	09/17/2025 21:05
Min	-6,452.92	104.59	09/21/2025 10:15

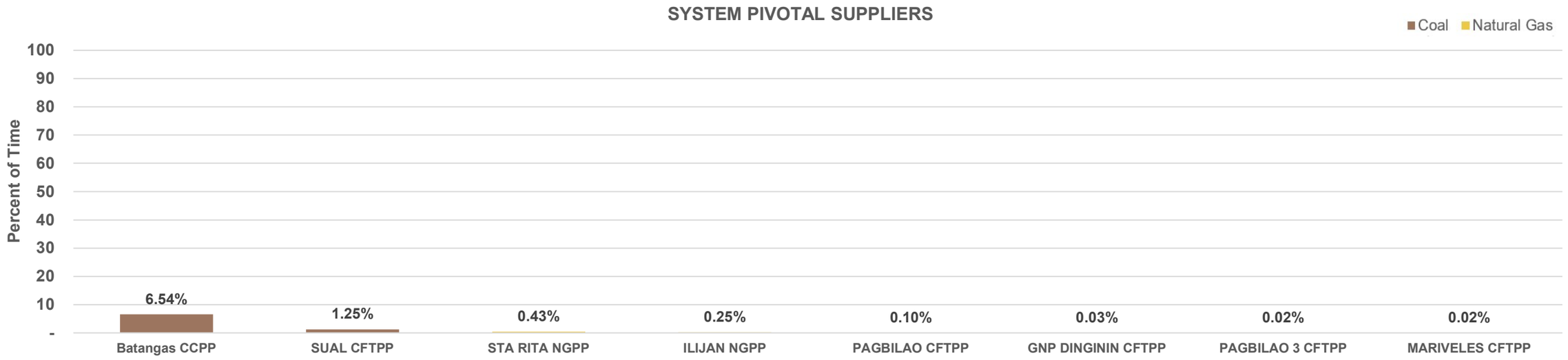
Pivotal Supplier		Time Interval
Max	247	09/19/2025 7:30

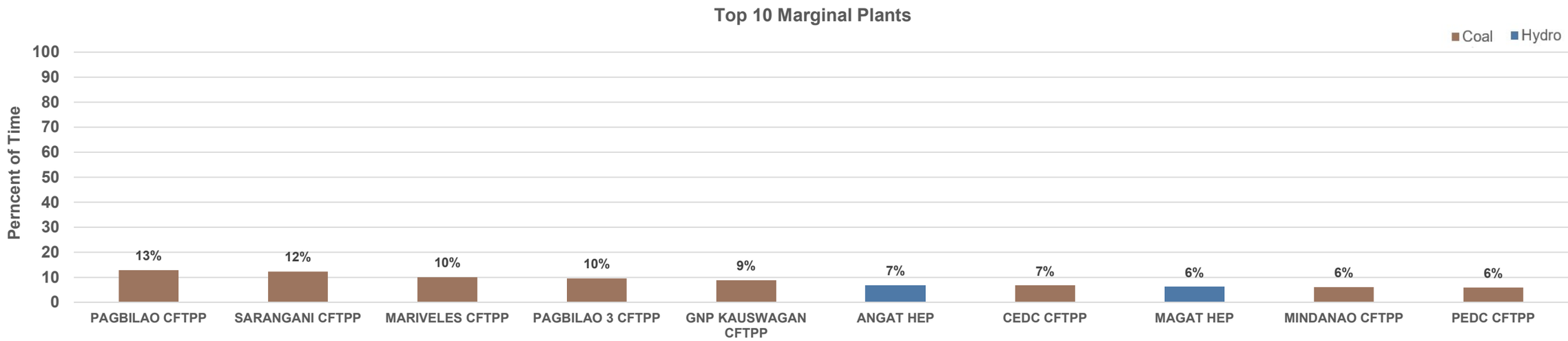


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MARKET OUTCOME
STRUCTURAL COMPETITION
26 August - 25 September 2025

Philippine Electricity Market Corporation



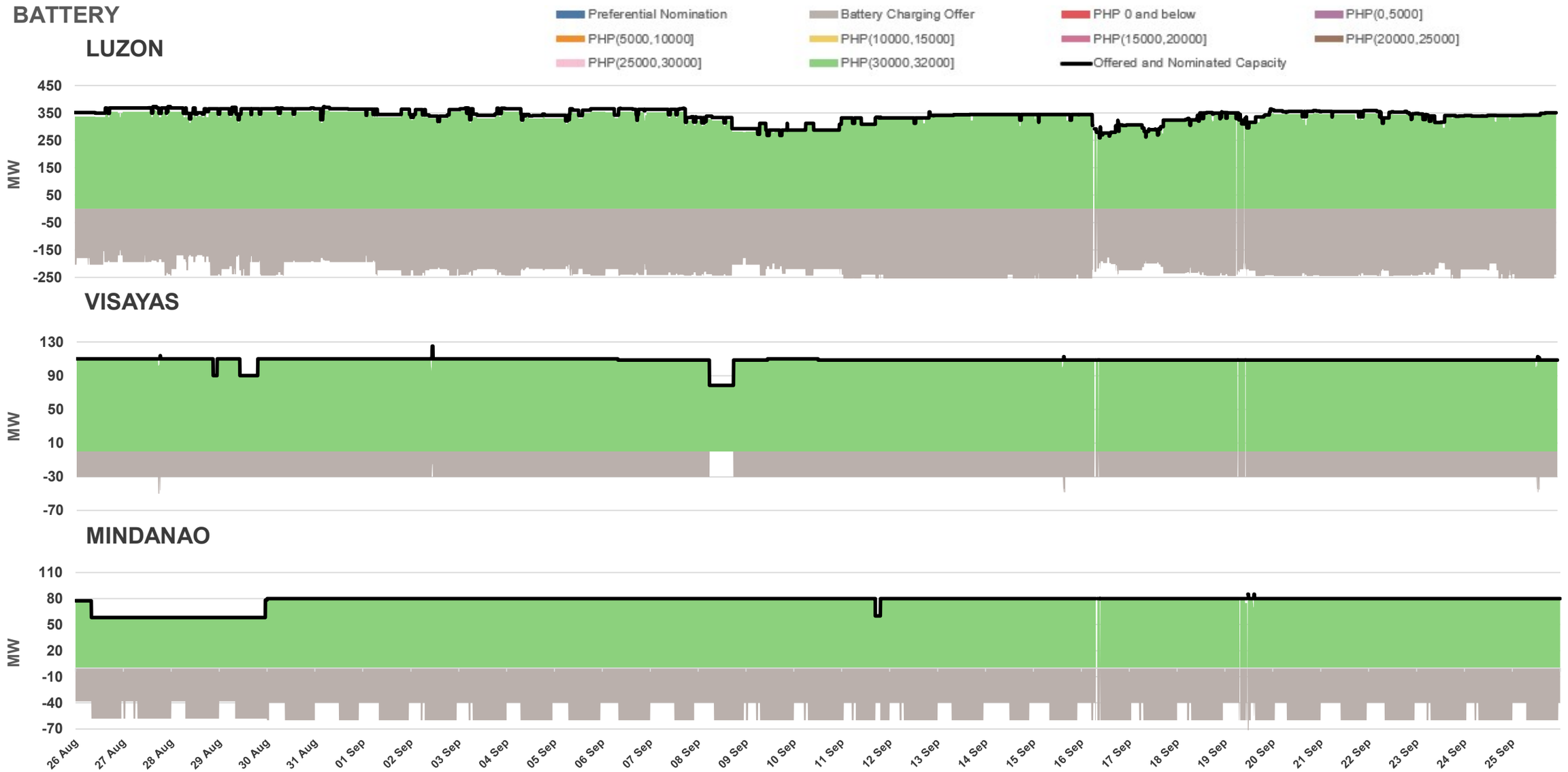


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MARKET OUTCOME
OFFERS
26 August - 25 September 2025

Philippine Electricity Market Corporation

BATTERY

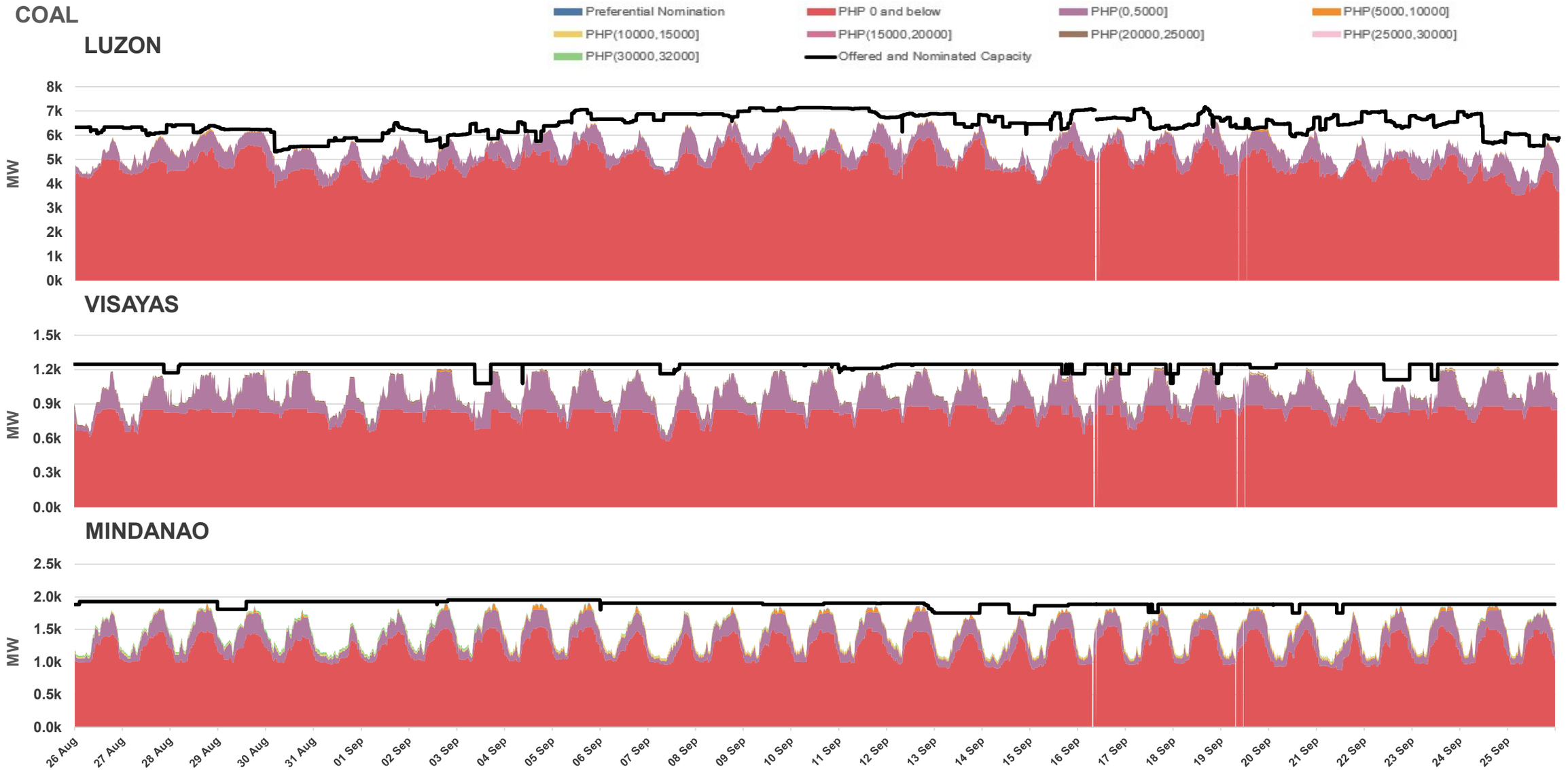


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MARKET OUTCOME
OFFERS
26 August - 25 September 2025

Philippine Electricity Market Corporation

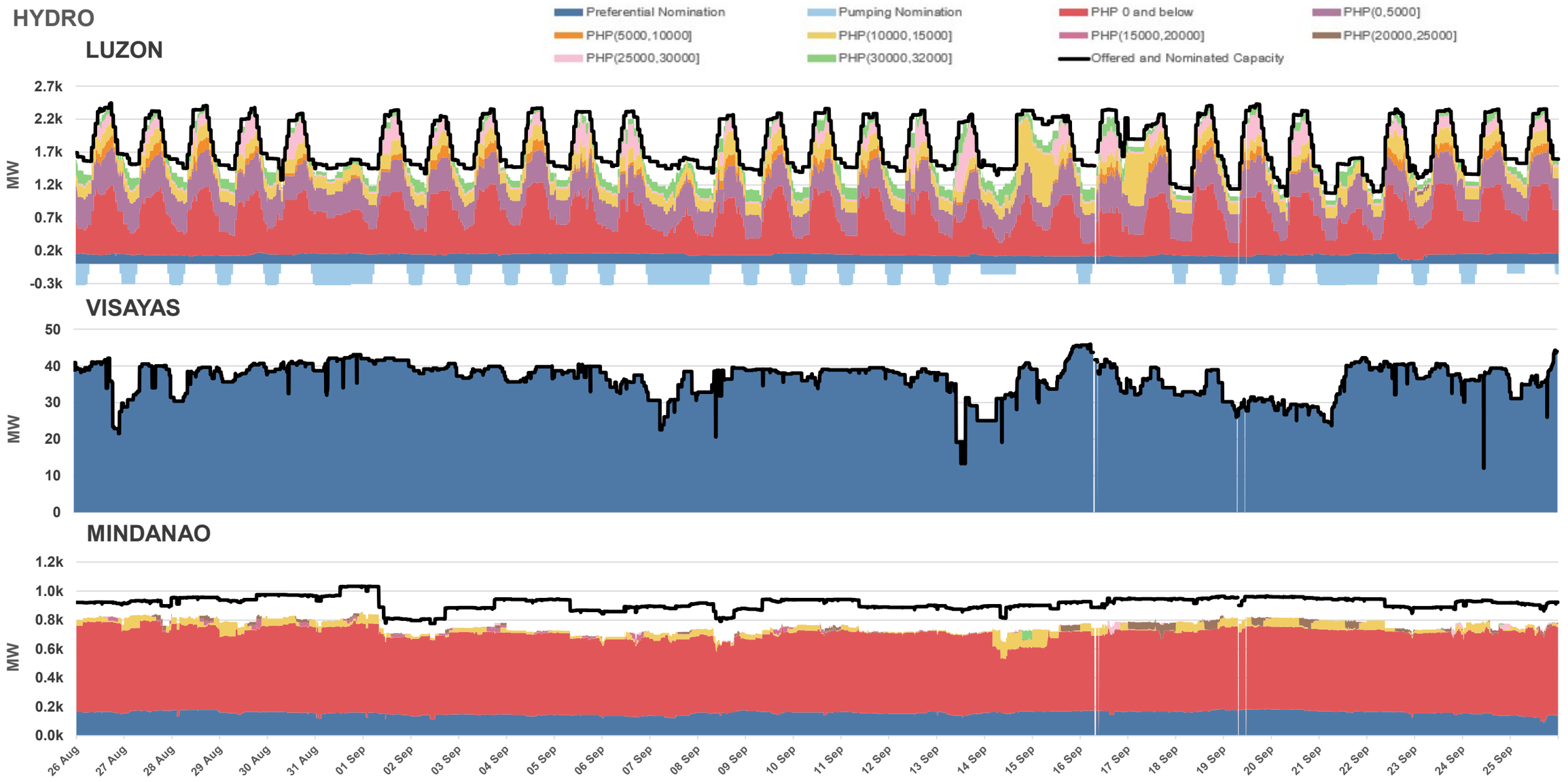
COAL



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MARKET OUTCOME
OFFERS
26 August - 25 September 2025

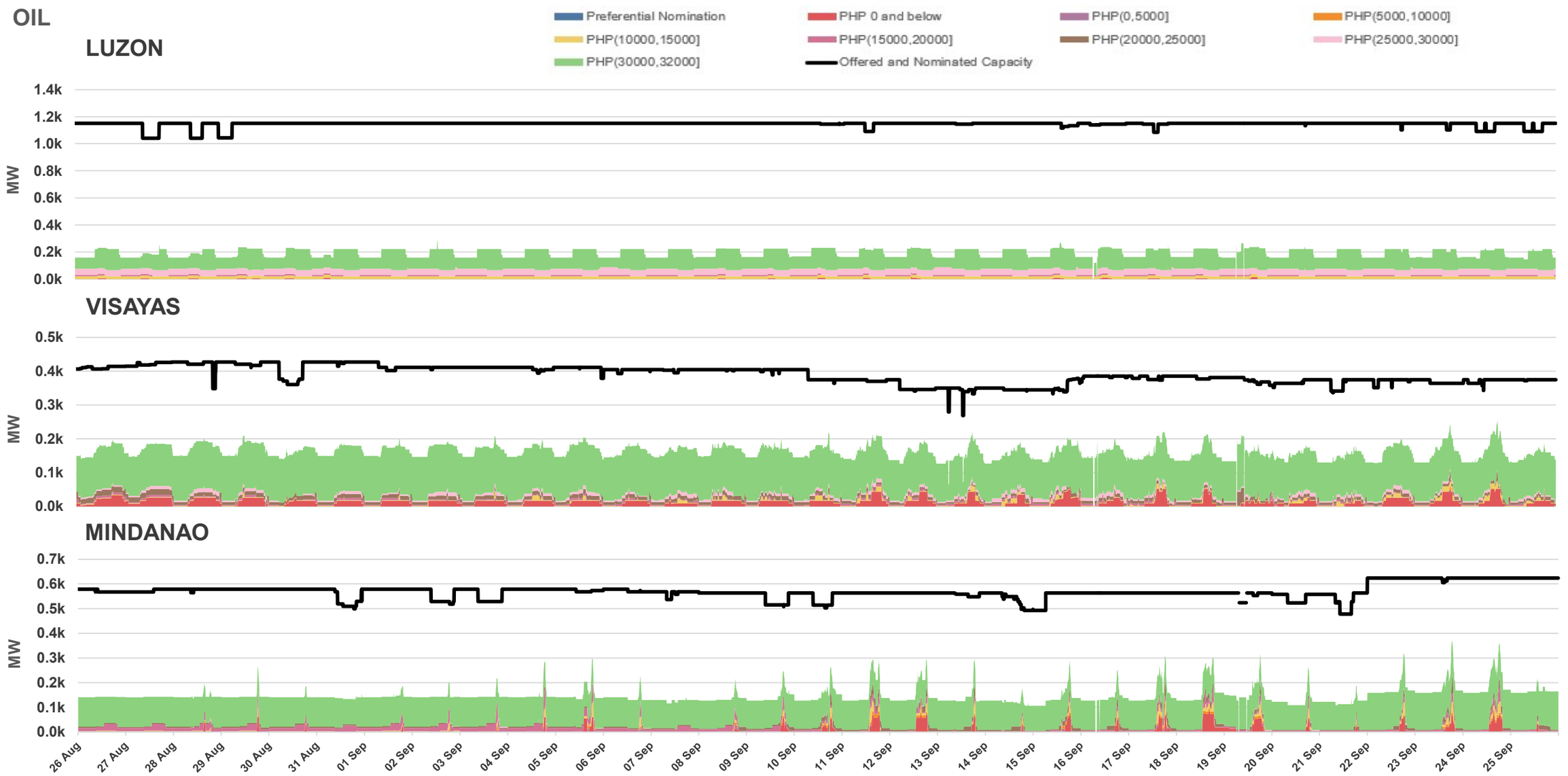
Philippine Electricity Market Corporation



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MARKET OUTCOME
OFFERS
26 August - 25 September 2025

Philippine Electricity Market Corporation



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RESERVE MARKET

AT A GLANCE

26 August - 25 September 2025

Reserve Total Registered Capacity (in MW)

5,332.41

18% of the total Registered Capacity

Previous Month: 5,359.33

-0.50% ▼

		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	7,048.94	618.00	21,069.09	210.70	24,475.90
	Down		6,616.61		19,562.96		24,475.69
Contigency		2,772.40	1,513.81	646.67	4,925.02	206.00	1,559.66
Dispatchable		2,479.00	1,380.26	502.50	8,666.69	195.00	2.29

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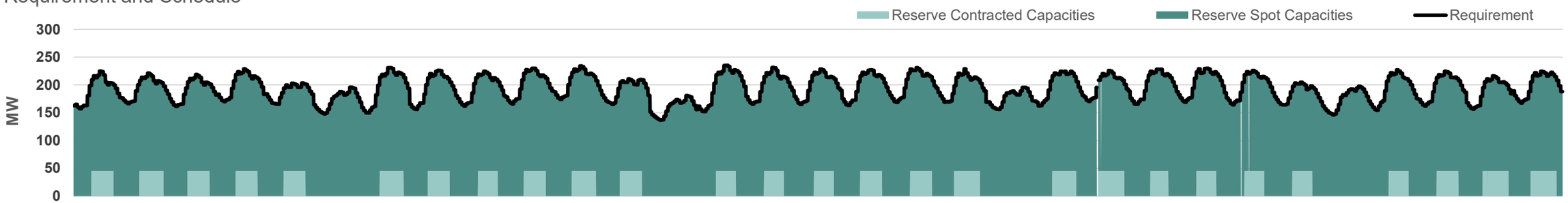
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

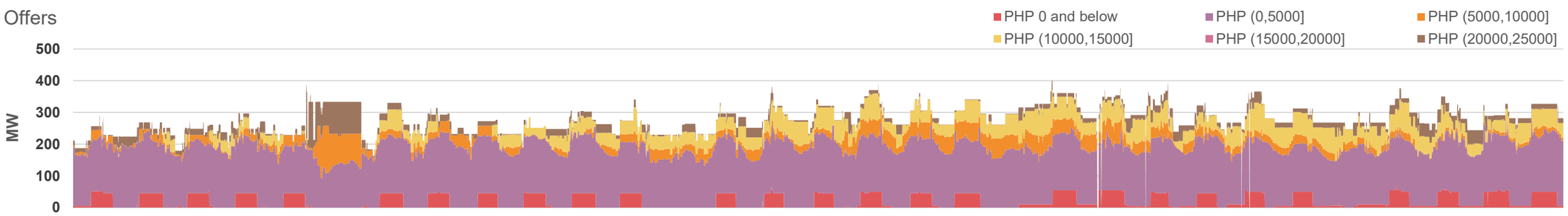
Philippine Electricity Market Corporation

LUZON - REGULATING UP

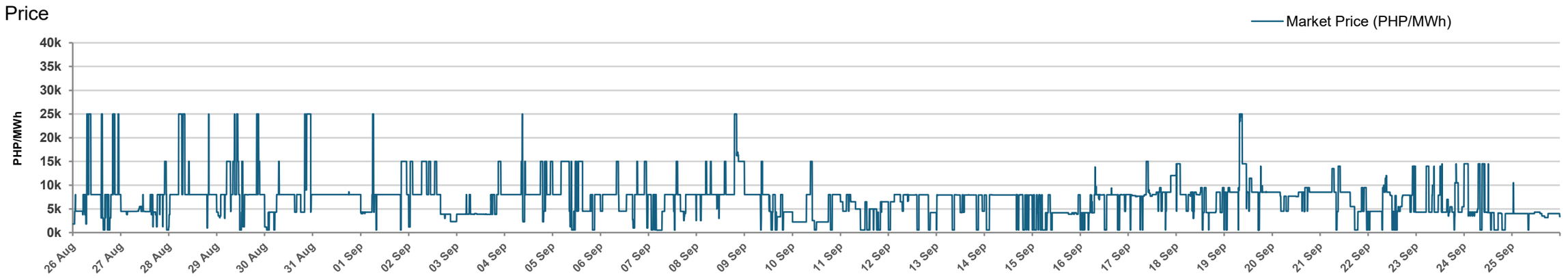
Requirement and Schedule



Offers



Price



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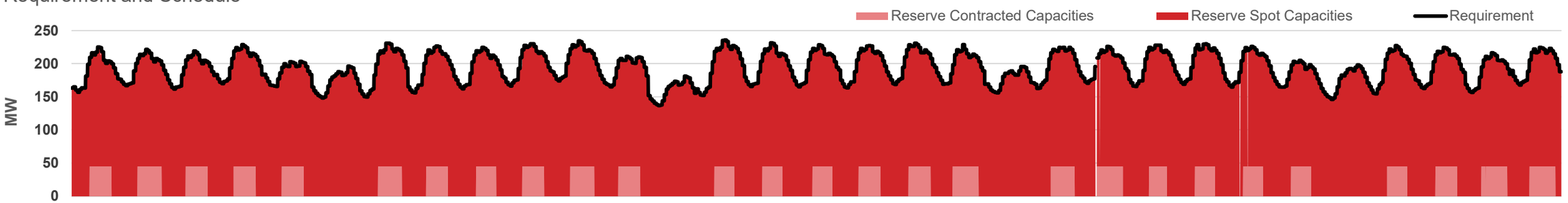
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

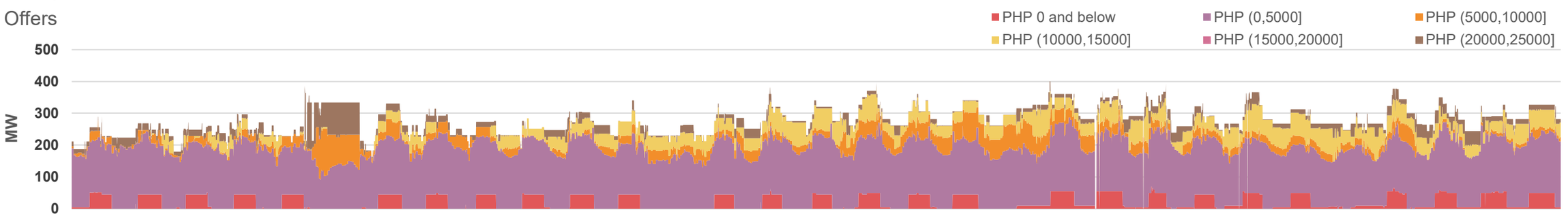
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

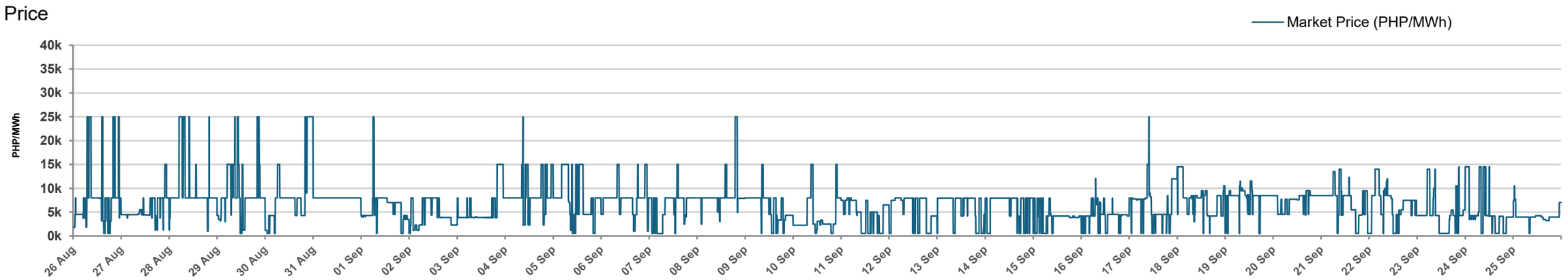
Requirement and Schedule



Offers



Price



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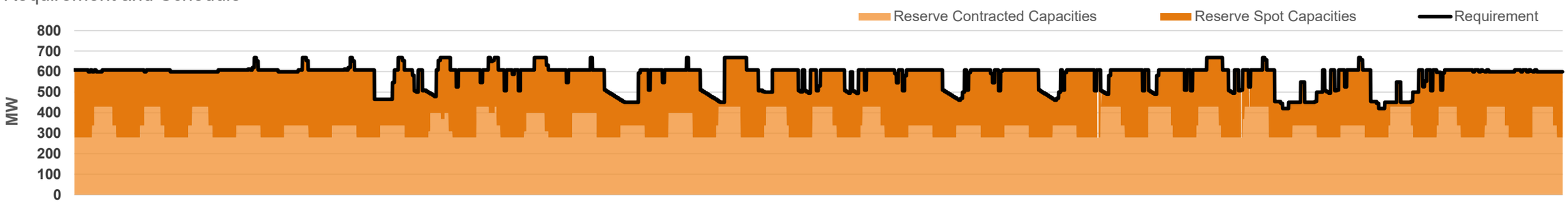
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

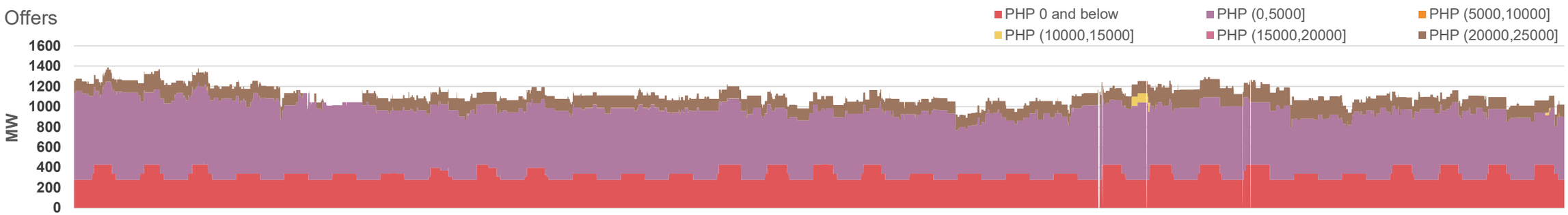
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

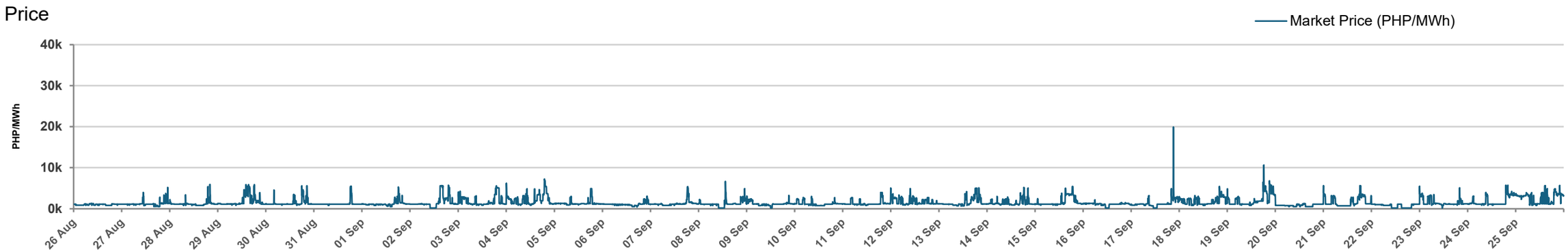
Requirement and Schedule



Offers



Price



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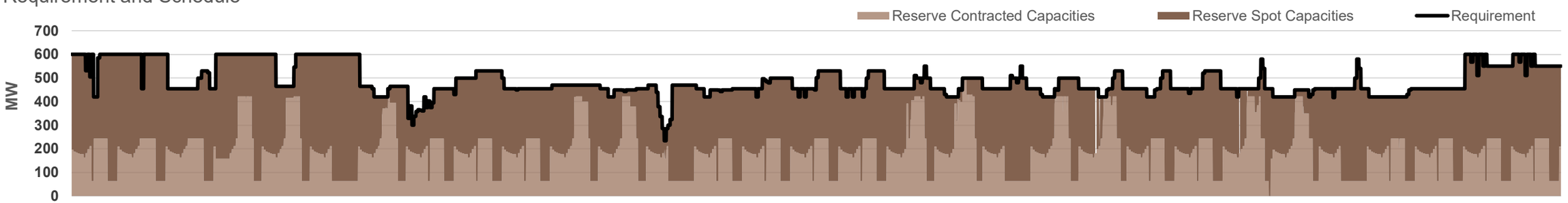
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

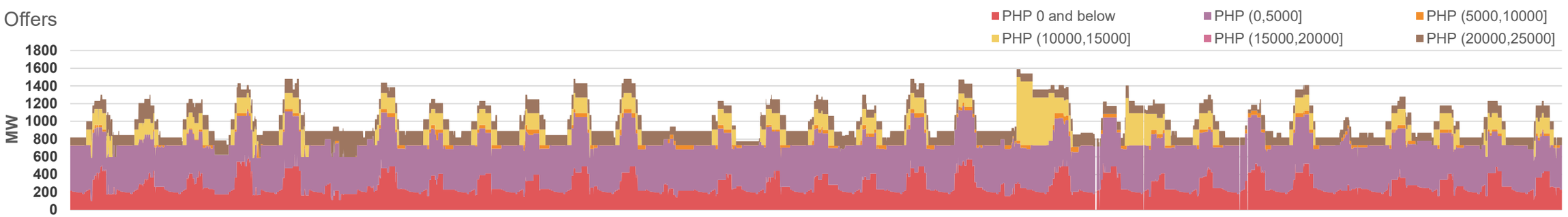
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

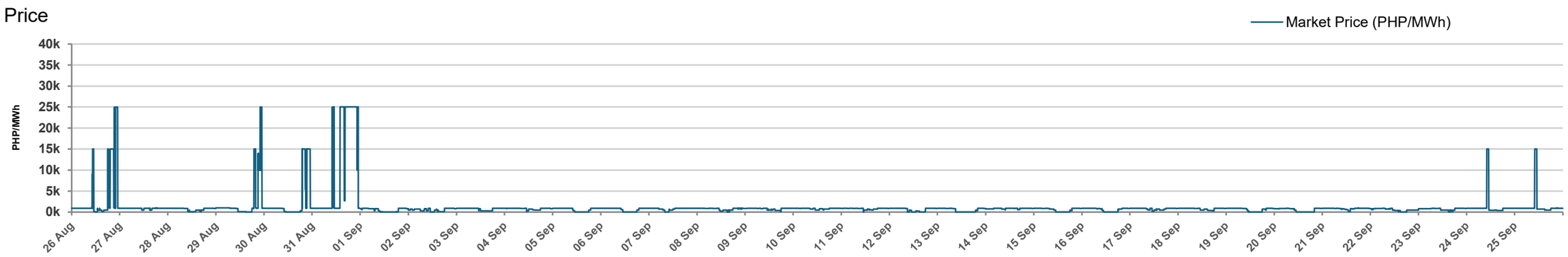
Requirement and Schedule



Offers



Price



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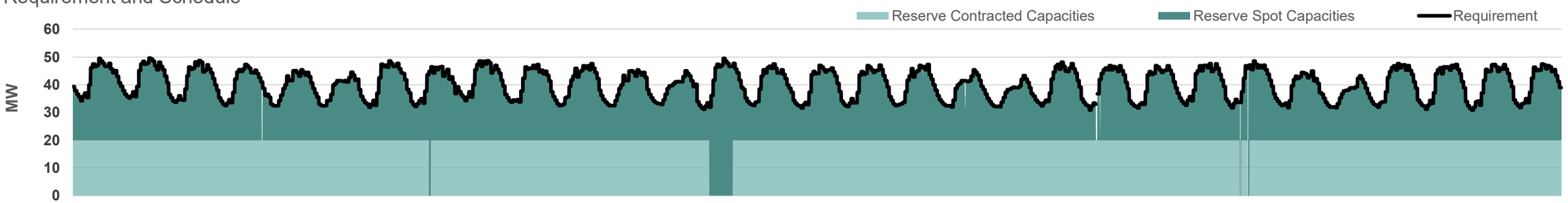
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

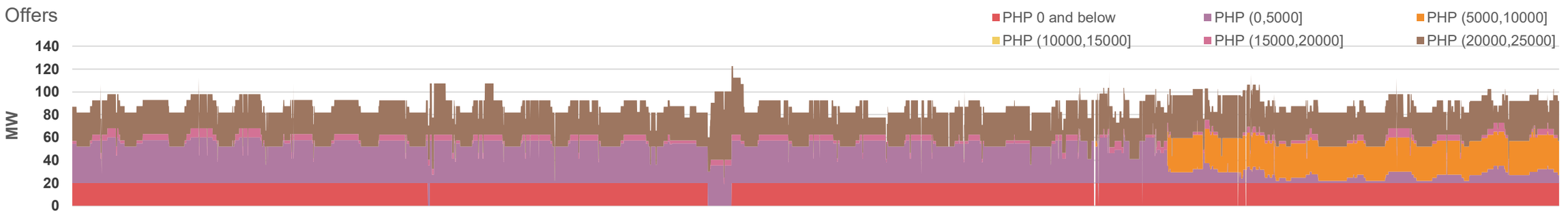
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

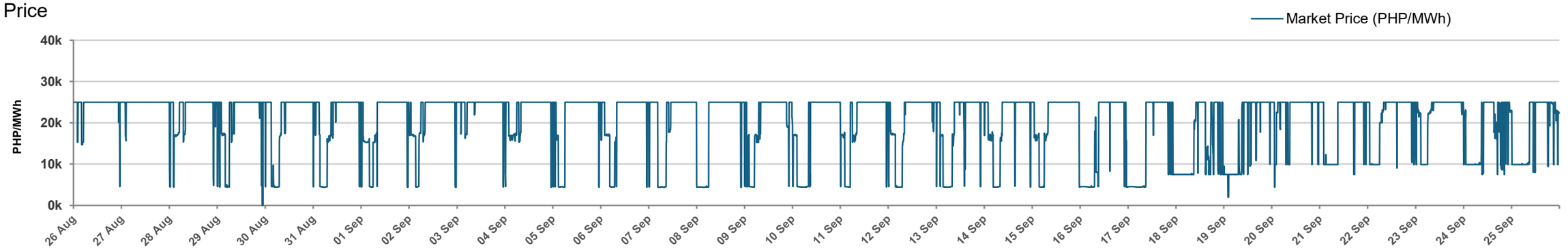
Requirement and Schedule



Offers



Price



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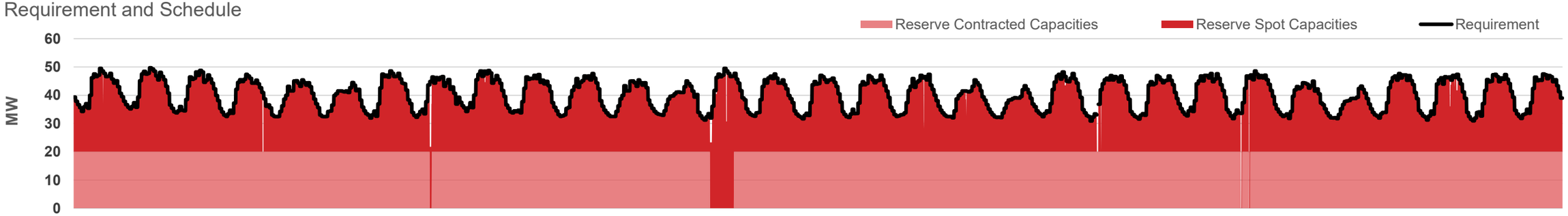
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

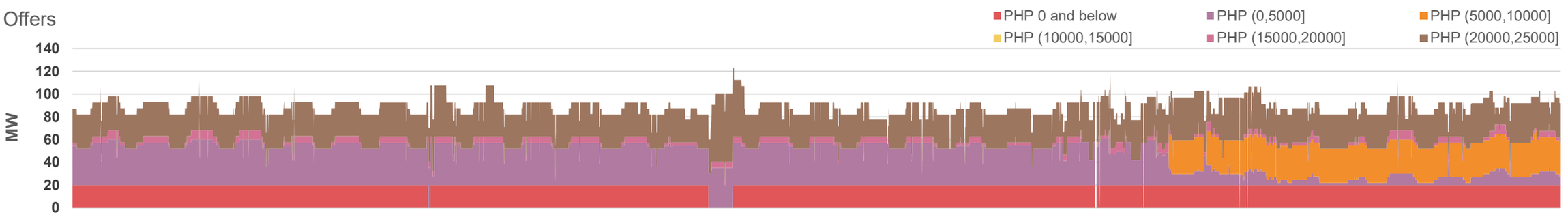
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

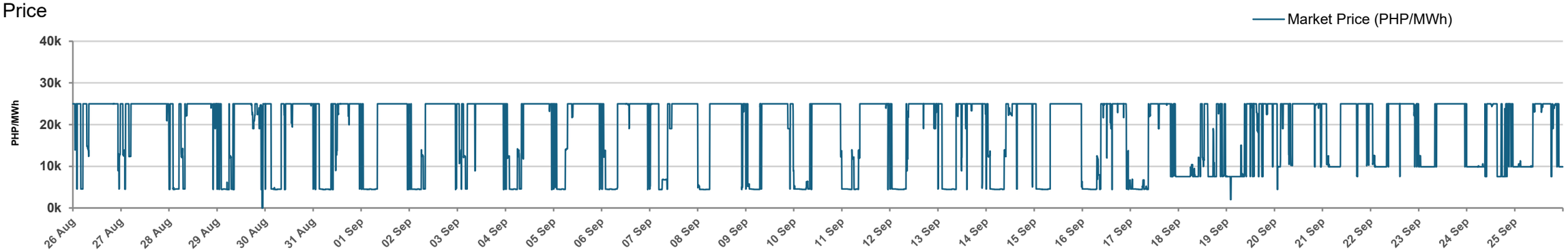
Requirement and Schedule



Offers



Price



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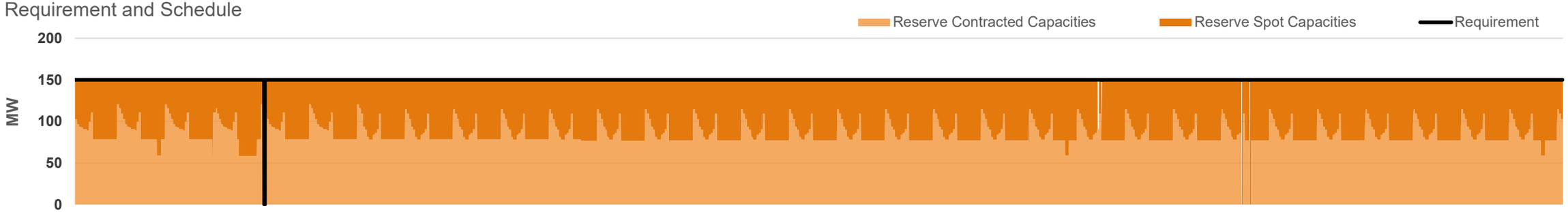
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

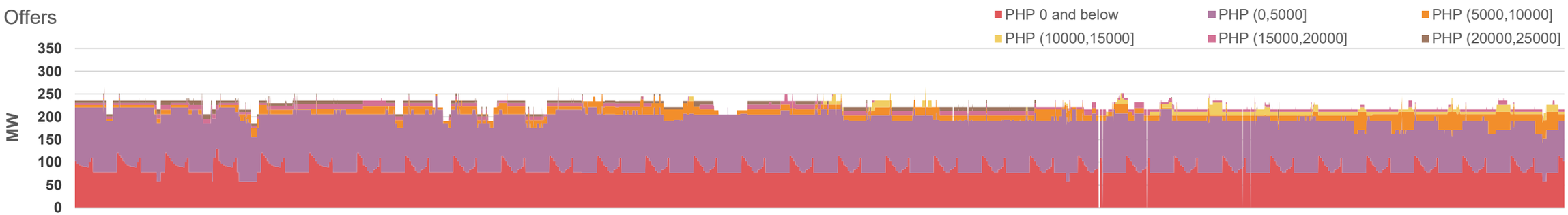
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

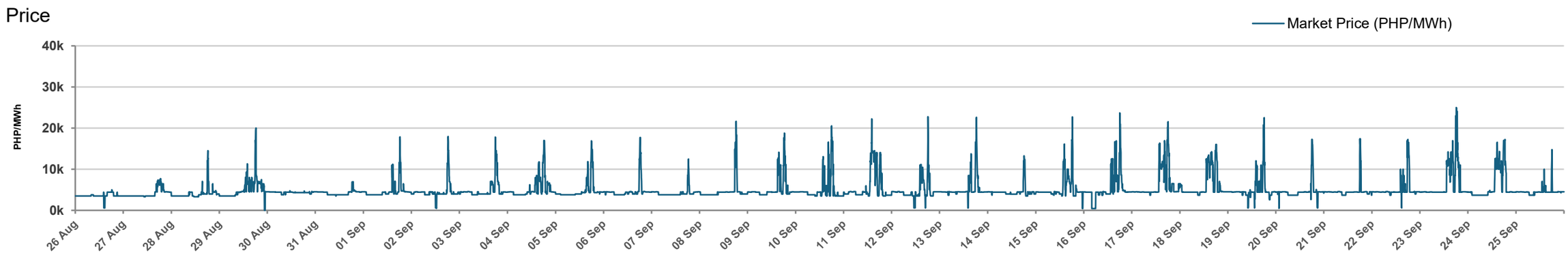
Requirement and Schedule



Offers



Price



PUBLIC

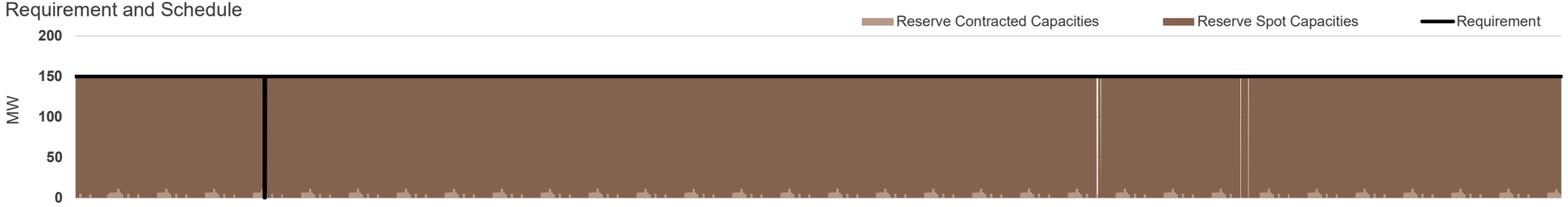
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

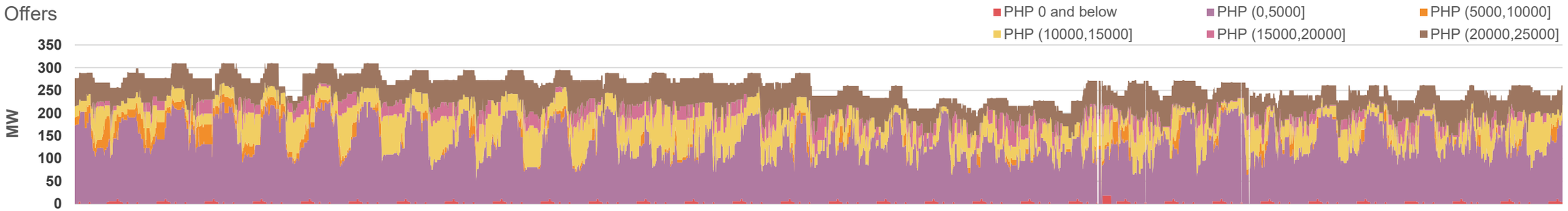
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

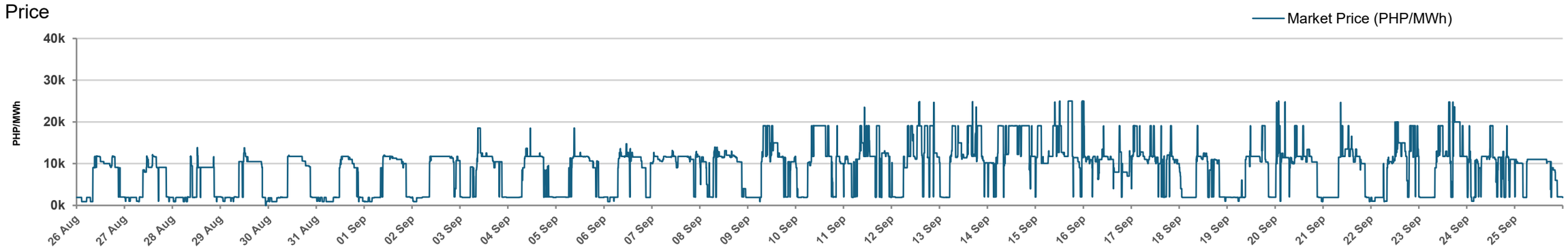
Requirement and Schedule



Offers



Price



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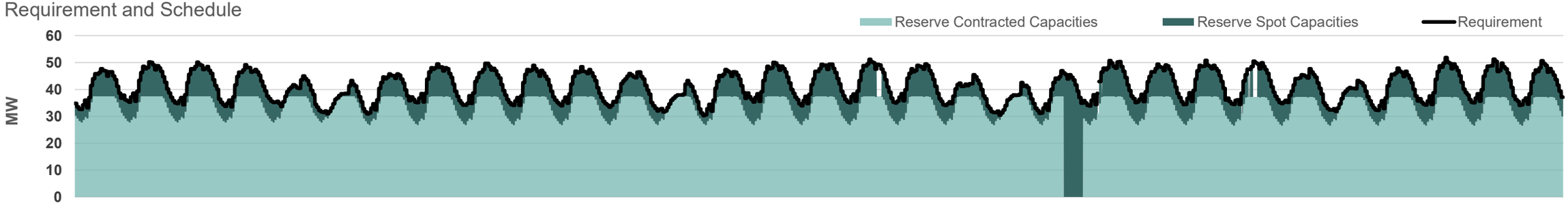
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

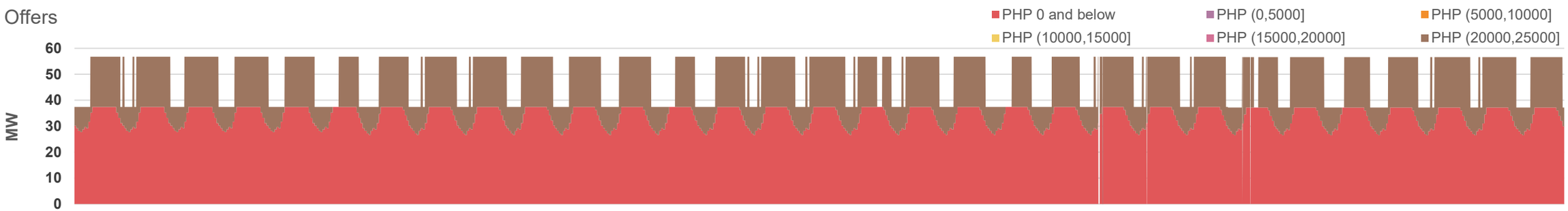
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

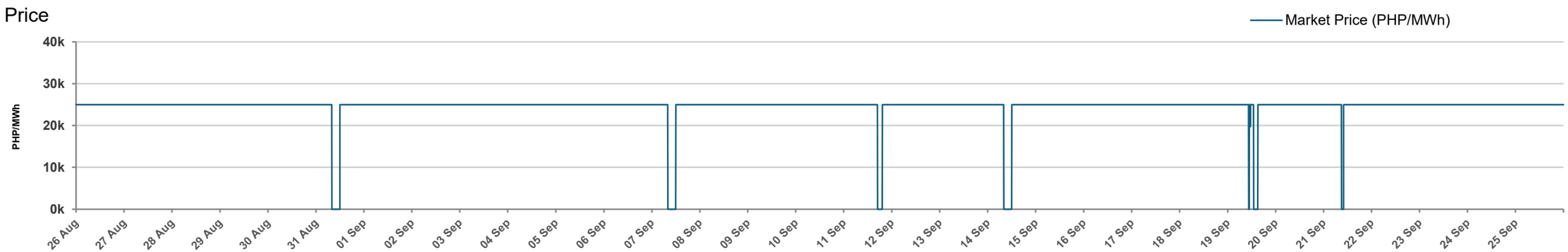
Requirement and Schedule



Offers



Price



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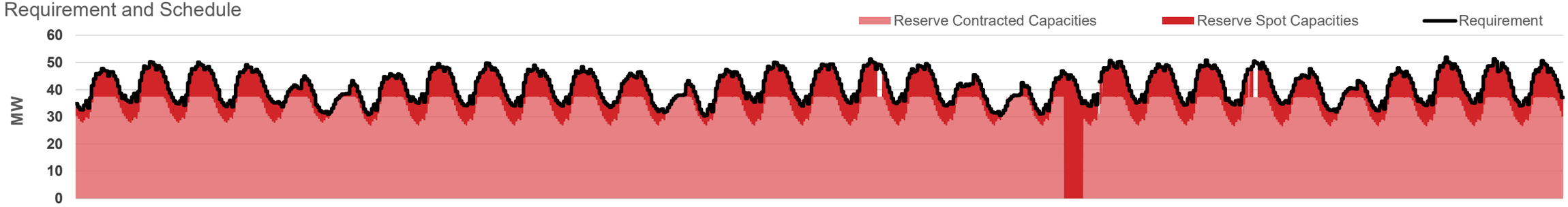
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

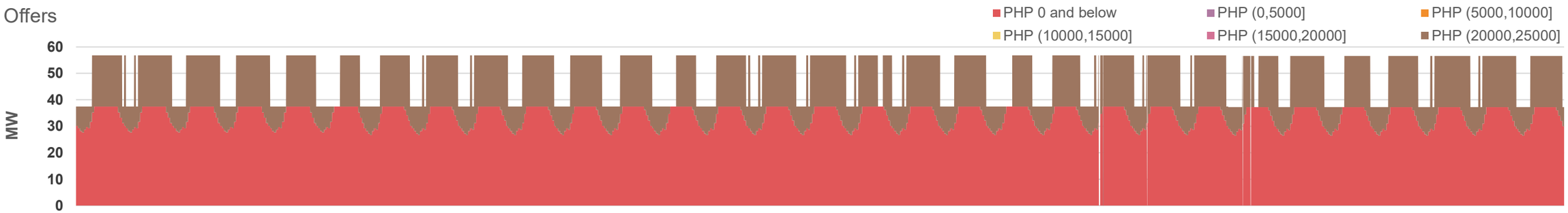
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

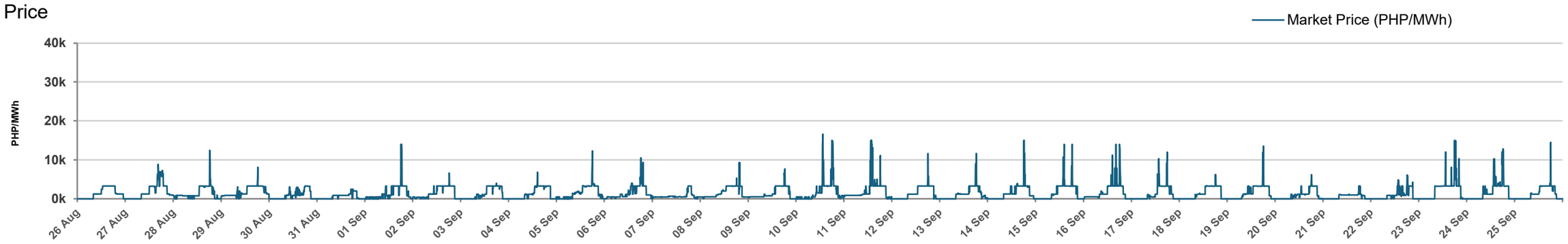
Requirement and Schedule



Offers



Price



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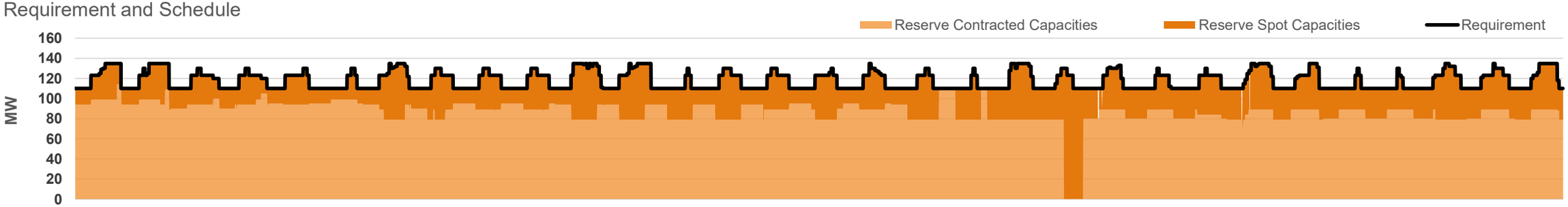
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

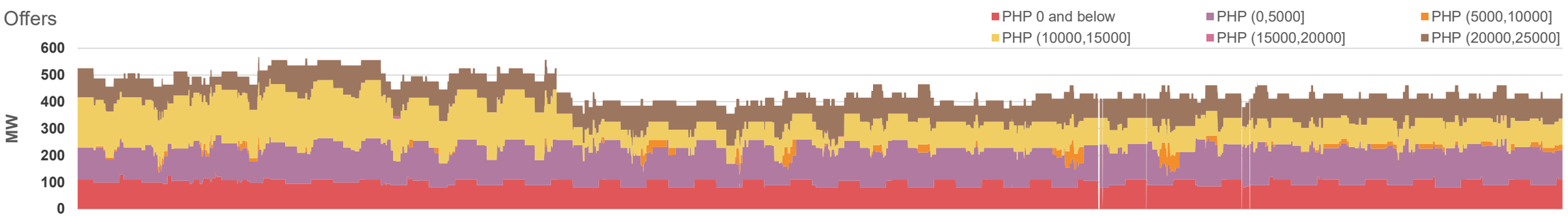
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MINDANAO - CONTINGENCY

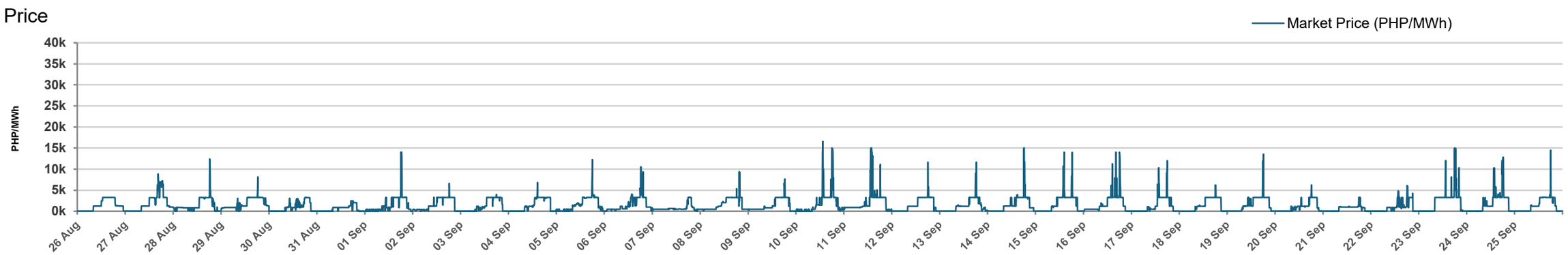
Requirement and Schedule



Offers



Price



PUBLIC

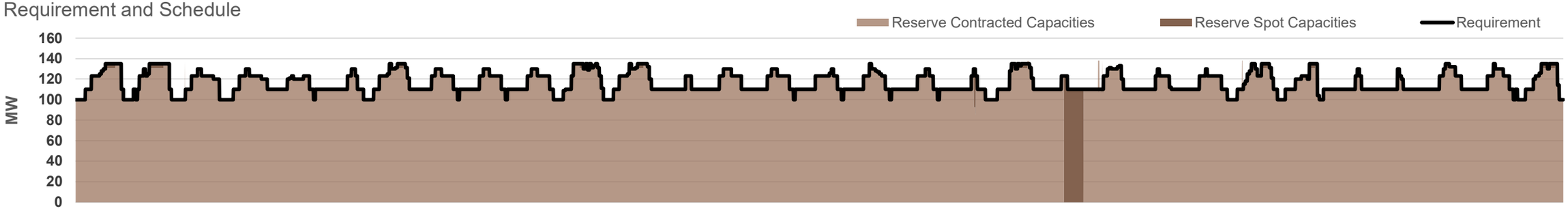
MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 2025

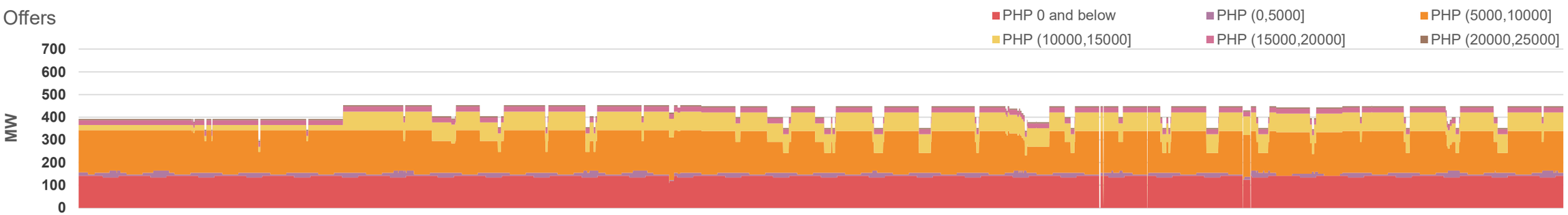
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

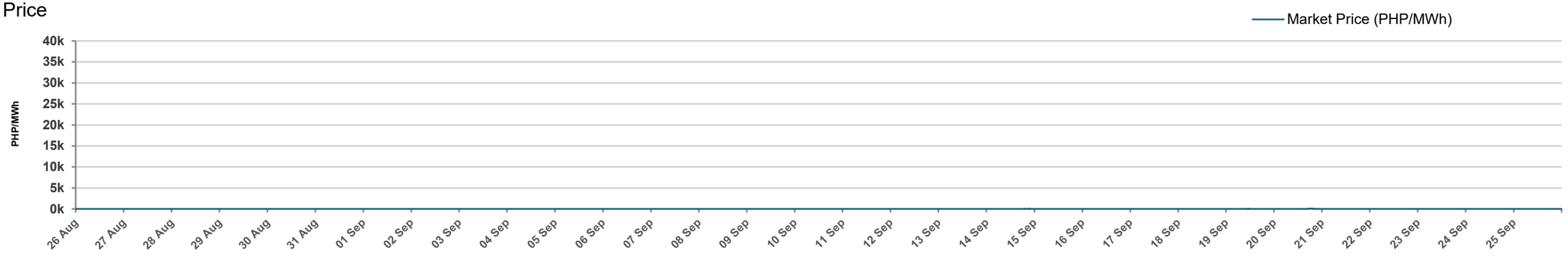
Requirement and Schedule



Offers



Price



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MARKET OUTCOME
RESERVE MARKET

26 August - 25 September 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	18.08	9%	176.08	91%	8.20	17.40	16	0%	92.89%▼	499.00	25,000.00	7,048.94	10.42%▲
Visayas	19.60	49%	20.69	51%	0.05	39.00	1,370	15%	13.51%▼	0.00	25,000.00	21,069.09	9.69%▼
Mindanao	33.17	81%	7.92	19%	0.00	13.27	4,105	46%	10.04%▼	0.00	25,000.00	24,475.90	4.94%▲
Regulating Down													
Luzon	18.08	9%	176.08	91%	1.40	17.40	23	0%	91.51%▼	499.00	25,000.00	6,616.61	3.60%▲
Visayas	19.60	49%	20.61	51%	0.05	39.00	2,119	24%	18.06%▼	0.00	25,000.00	19,562.96	11.49%▼
Mindanao	33.17	81%	7.92	19%	0.00	13.27	4,094	46%	10.24%▼	0.00	25,000.00	24,475.69	4.94%▲
Contigency													
Luzon	329.93	57%	250.85	43%	0.10	232.00	60	0.01	50.00%▲	170.00	19,886.73	1,513.81	42.77%▼
Visayas	85.33	57%	64.47	43%	0.10	150.00	12	0.00	62.50%▼	0.00	25,000.00	4,925.02	3.86%▼
Mindanao	86.71	74%	30.97	26%	0.10	31.00	25	0.00	34.21%▼	0.00	16,592.00	1,559.66	45.41%▼
Dispatchable													
Luzon	190.71	39%	296.15	61%	0.10	273.00	4	0%	94.12%▼	0.00	24,998.00	1,380.26	28.67%▼
Visayas	2.29	2%	147.36	98%	0.10	150.00	1,617	18%	20.49%▲	0.00	25,000.00	8,666.69	28.15%▲
Mindanao	114.59	98%	1.87	2%	0.10	0.20	333	4%	64.39%▼	0.00	100.00	2.29	99.35%▼

PUBLIC

ANNEX
OUTAGE SUMMARY
26 August - 25 September 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
BIOF	01BT2020_G01	11	09/04/2025 17:00	09/05/2025 0:57	1	Forced	Affected by the planned outage of Hermosa-Calaguiman 69kV line.
BIOF	01CAGBIO_G01	13.5	09/20/2025 13:40			Forced	Tripped due to generator exciter diode failure.
BIOF	01GIFT_G01	12	09/23/2025 0:01			Forced	Unplanned maintenance outage.
BIOF	01GIFT_G02	6	09/25/2025 19:02			Forced	Emergency shutdown due to ash silo clogging.
BIOF	01GRGOLD_G01	10.8	09/01/2025 9:01	09/05/2025 9:01	4	Forced	Emergency shutdown due to fuel feeding system trouble
BIOF	01IPOWER_G02	10.8	08/28/2025 21:25	08/30/2025 9:07	2	Forced	Unplanned shutdown due to trouble at ash handling system conveyor 2.
BIOF	01LASUER_U01	5.1	08/23/2025 14:18	09/09/2025 19:17	17	Maintenance	Major overhauling of turnbine
BIOF	01VSGRIP_G01	5.4	09/03/2025 10:52	09/11/2025 9:01	8	Forced	Emergency shutdown due trouble at air-cooled condenser.
BIOF	03BBEC_G01	5	09/08/2025 16:36	09/09/2025 23:57	1	Forced	Economizer trouble.
COAL	01GNPD_U01	668	08/15/2025 0:07	09/18/2025 23:59	34	Planned	Planned outage until September 18 2025.
COAL	01GNPD_U01	668	09/19/2025 0:00			Forced	Extended outage until September 28 2025
COAL	01MPGC_U04	137	09/04/2025 0:15	09/22/2025 3:53	18	Planned	Planned Outage until Sep 22 2025.
COAL	01MSINLO_G03	307.2	08/23/2025 12:26	09/04/2025 23:23	12	Forced	Trouble on closed cooling water system.
COAL	01MSINLO_G03	307.2	09/05/2025 16:37	09/15/2025 16:25	10	Forced	Differential protection actuated
COAL	01PETRON_G01	22.2	08/15/2025 2:15	09/24/2025 5:19	40	Maintenance	Maintenance outage.
COAL	01SMC_G01	134	08/29/2025 2:57	08/30/2025 4:32	1	Forced	Unplanned outage to facilitate rectification of oil leakage at Main Transformer
COAL	01SMC_G03	134	09/14/2025 4:02			Planned	Planned outage September 14 - October 5 2025
COAL	01SMC_G04	134	09/02/2025 0:01	09/03/2025 6:22	1	Forced	Secondary Air Fan Trouble
COAL	01SUAL_G01	647	08/30/2025 3:51	08/31/2025 6:43	1	Forced	Tripped due to control air pressure low.
COAL	01SUAL_G02	647	08/30/2025 3:45	09/01/2025 9:43	2	Forced	Tripped. Reason still under investigation.
COAL	03CALACA_G01	250	09/19/2025 5:51			Forced	Tripped due to drum level low low.
COAL	03CALACA_G02	310	09/17/2025 10:03	09/18/2025 0:28	1	Forced	Tripped due to furnace pressure low low
COAL	03QPPL_G01	460	07/01/2025 0:00	09/01/2025 9:14	62	Planned	Planned Outage.
COAL	03QPPL_G01	460	09/01/2025 18:43	09/02/2025 14:23	1	Forced	To conduct Turbine Overspeed Test
COAL	03SLPGC_G02	149.6	08/22/2025 3:04	09/02/2025 7:57	11	Forced	Unplanned outage due to boiler tube leak. ETI August 29 2025
GEO	03BACMAN_U01	60	09/25/2025 21:22			Forced	Complete shutdown as contingency measure for Typhoon Opong.
GEO	03BACMAN_U02	60	09/25/2025 21:38			Forced	Complete shutdown as contingency measure for Typhoon Opong.
GEO	03BACMAN_U03	20	09/10/2025 20:23	09/11/2025 4:08	1	Forced	Deteriorated condnser vacuum pressure.

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
GEO	03BACMAN_U03	20	09/25/2025 20:55			Forced	Complete shutdown as contingency measure for Typhoon Opong.
GEO	03ORMAT_G01	1.67	09/15/2025 0:04	09/16/2025 19:23	1	Forced	Removal of heat exchanger
GEO	03ORMAT_G01	1.67	09/23/2025 8:57	09/24/2025 18:27	1	Forced	Removal heat exchanger endcaps
GEO	03ORMAT_G01	1.33	09/10/2025 10:35			Forced	Low pressure HP diesel oil alarm
GEO	03PALAYAN_G01	24	09/07/2025 17:51	09/08/2025 1:53	1	Forced	Tripped due to compressor problem.
GEO	03PALAYAN_G01	24	09/25/2025 19:13			Forced	Complete shutdown as contingency measure for Typhoon Opong.
GEO	03TANAWON_G01	20.2	09/12/2025 3:21			Forced	GSUT Fuse fail
GEO	03TGPP_G01	9.7	08/08/2025 7:44			Forced	Shutdown due to low brine flow.
GEO	03TIWI_C	56.8	08/15/2025 0:10	09/15/2025 23:14	31	Planned	Planned outage until October 1 2025.
HYD	01AMPHAW_G01	12.5	09/08/2025 12:30	09/09/2025 12:50	1	Forced	Unbalanced current in tapping point.(RECLASSIFIED FROM FORCE OMC OUTAGE)
HYD	01ANGAT_M	50	09/11/2025 14:01	09/12/2025 12:00	1	Maintenance	De-watering activity
HYD	01BAKUN_G01	37	09/22/2025 16:56	09/23/2025 3:54	1	Forced	Tripped due to line trouble during the passage of Super Typhoon Nando.
HYD	01BAKUN_G01	37	09/22/2025 16:56	09/23/2025 5:43	1	Forced	Tripped due to line trouble during the passage of Super Typhoon Nando.
HYD	01BINENG_G01	19.8	09/07/2025 18:02	09/08/2025 0:20	1	Forced	Tripped root cause to be determined.
HYD	01BINENG_G01	19.8	09/08/2025 12:30	09/09/2025 12:35	1	Forced	Unbalanced current in tapping point.
HYD	01CASECN_U02	78.9	09/08/2025 8:00	09/10/2025 3:30	2	Forced	Inspection of turbine guide bearing
HYD	01MAGAT_U01	97	08/30/2025 7:05	09/15/2025 17:40	16	Planned	Planned outage until September 15 2025.
HYD	01MAGAT_U02	97	09/20/2025 7:06			Planned	Planned outage as per GOMP until October 6 2025.
HYD	01MARIS_U01	4.3	08/21/2025 7:06	08/26/2025 17:23	5	Planned	Planned outage until August 27 2025.
HYD	01MARIS_U02	4.3	08/21/2025 7:06	08/26/2025 17:49	5	Planned	Planned outage until August 27 2025.
HYD	01MATUNO_G01	8.7	09/02/2025 22:06			Forced	Tripped due to clogged trash rack.
HYD	01NIABAL_G01	6	09/02/2025 10:51	09/08/2025 10:57	6	Forced	Tripped
HYD	01NIABAL_G01	6	09/10/2025 13:56	09/15/2025 10:20	5	Forced	Unit shutdown due to suspension of IDR.
HYD	01NMHC_G01	3.9	09/07/2025 18:17	09/08/2025 5:32	1	Forced	Tripped root cause to be determined.
HYD	01PNTBNG_U01	60	09/15/2025 19:01	09/16/2025 18:30	1	Forced	Declared unavailable due to turbine guide oil cooler leak.
HYD	01SABANG_G01	14.2	09/22/2025 23:02	09/23/2025 1:16	1	Forced	Emergency shutdown to facilitate flushing of accumulated silt
HYD	03LWERLAB_G01	1.4	09/22/2025 18:30	09/23/2025 16:21	1	Forced	Tripped due to line trouble during the passage of Super Typhoon Nando.
HYD	03TIBAG_G01	5.8	09/22/2025 19:55	09/23/2025 15:52	1	Forced	Affected by the outage of 69kV line.
NATG	03EERI_G02	421.9	08/29/2025 23:42	08/31/2025 2:02	2	Forced	Emergency shutdown due to HP A temperature trouble

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Luzon							
NATG	03EERI_G02	421.9	08/28/2025 0:26	08/29/2025 22:28	1	Maintenance	Maintenance Outage until August 29 2025.
NATG	03ILIJAN_G02	190	08/28/2025 18:47	09/22/2025 10:50	25	Forced	Unit shutdown due to equivalent operating hours as per management decision
NATG	03ILIJAN_G02	190	09/04/2025 0:04			Planned	Planned outage until Sept 19 2025.
NATG	03ILIJAN_G02	190	08/15/2025 18:03	08/28/2025 16:27	13	Forced	Shutdown to conduct exhaust expansion joint repair.
NATG	03ILIJAN_G02	190	09/20/2025 13:27			Forced	Emergency shutdown due to steam leak.
NATG	03ILIJAN_G02	220	09/03/2025 23:41	09/19/2025 23:58	16	Planned	Planned outage until Sept 19 2025.
NATG	03ILIJAN_G02	220	09/19/2025 23:59	09/22/2025 15:16	3	Forced	Extended Planned Outage(GOMP).
NATG	03STA-RI_G01	263	09/03/2025 23:53			Planned	Planned outage until Oct 24 2025.
OIL	01LIMAY_U02	60	08/15/2025 0:00			Planned	Planned Outage from August 15 2025 to November 10 2025.
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
SOLR	01CURSOL_G02	68.7	09/20/2025 19:52	09/21/2025 5:07	1	Forced	Affected by the unplanned outage of Currimao-Paguludan 69kV line as requested by
SOLR	01CURSOL_G02	68.7	09/22/2025 20:29	09/23/2025 15:01	1	Forced	Affected by the tripping of Currimao-Paguludan 69kV line(CO) during the passage of
SOLR	01GIGSOL_G01	50.5	09/22/2025 22:01	09/23/2025 0:44	1	Forced	Affected by the tripping of Botolan-Candelaria 69kV line during the passage of Super
SOLR	01MAEC_G01	16	09/20/2025 19:52	09/21/2025 4:52	1	Forced	Affected by the unplanned outage of Currimao-Paguludan 69kV line as requested by
SOLR	01MAEC_G01	16	09/22/2025 20:29	09/23/2025 15:00	1	Forced	Affected by the tripping of Currimao-Paguludan 69kV line(CO) during the passage of
SOLR	01SHIZEN_G01	49.5	09/22/2025 22:01	09/23/2025 0:51	1	Forced	Affected by the tripping of Botolan-Candelaria 69kV line during the passage of Super
SOLR	01ZAMSOL_G01	4.8	09/22/2025 22:01	09/23/2025 6:50	1	Forced	Affected by the tripping of Botolan-Candelaria 69kV line during the passage of Super
WIND	03AWOC_G01	53.6	09/15/2025 5:19	09/19/2025 9:50	4	Planned	Annual PMS
Visayas							
BAT	06SONEG_BAT	14.2	09/08/2025 14:24	09/15/2025 14:01	7	Forced	Shutdown due to NGCP activity conduct benchmarking of harmonics.
BIOF	06BISCOM_G01	12.7	09/25/2025 13:07			Forced	End of internal dry run testing. (No export power to the grid.)
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	06URC_G01	30	09/24/2025 20:04			Forced	End of dry run testing.
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.

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Visayas							
COAL	05TPC_G02	83.6	08/12/2025 23:15	09/10/2025 22:58	29	Planned	Planned outage due to Special MOH.
COAL	08PEDC_U02	83.7	09/11/2025 0:44			Planned	Under PMS (Planned Outage).
GEO	04BILGPP_G01	1	10/05/2024 4:39			Forced	Turbine high vibration trip
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	30	10/23/2024 8:21			Maintenance	Emergency repair of air cooled condenser
GEO	04LEYTE_A	32	09/03/2025 8:18	09/14/2025 19:27	11	Forced	Emergency shutdown to rectify significant increase in STG 30 Turbine Thrust Axial Displacement A
GEO	04LGPP_G01	41	08/01/2025 0:32			Forced	Emergency shutdown
GEO	04LGPP_G01	40.2	08/23/2025 12:33			Forced	Emergency shutdown to effect inspection caused by change of vibration polar axis.
GEO	06BBGPP_G01	4.7	09/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
GEO	06PAL1A_G01	37.5	08/26/2025 0:01	09/12/2025 23:59	17	Planned	Planned outage (GOMP) with Document No VSO-PUSR-2025-054
GEO	06PAL1A_G01	37.5	09/13/2025 0:00	09/18/2025 14:57	5	Forced	Ongoing maintenance of turbine and generator.
GEO	06PAL2A_U01	20	09/20/2025 0:02			Maintenance	Shutdown to conduct turbine unit overhauling and reconditioning PMS activities on other related equipment and other shutdown opportunity works as per VSO-PUSR-2025-061.
GEO	06PAL2A_U02	20	09/20/2025 0:03	09/24/2025 0:32	4	Maintenance	Shutdown to conduct rehabilitation of Sog-Nasuji TL Towers #2 3 4 5 replacement of 138kV Sog-Nasuji Tower 4 overhead grounding wire and other shutdown opportunity works as per VSO-PUSR-2025-062.
HYD	04TAFT_G01	5	07/27/2025 21:29	09/25/2025 16:31	60	Forced	Due to fault sychronization device.
HYD	04TAFT_G01	5.1	09/24/2025 3:39	09/25/2025 19:08	1	Forced	Affected by tripping of Paranas-Quinapondan 69kV Line
HYD	04UTH_G01	4.7	09/24/2025 3:39	09/26/2025 14:30	2	Forced	Affected by tripping of Paranas-Quinapondan 69kV Line
HYD	08SUWECO_G01	3.6	09/13/2025 12:10	09/14/2025 6:40	1	Forced	Auto-tripped (affected by line fault)
HYD	08SUWECO_G01	3.6	09/13/2025 12:10	09/14/2025 6:43	1	Forced	Auto-tripped (affected by line fault)
OIL	05CARMENDPP_U01	10	09/20/2025 0:01			Planned	To conduct preventative maintenance schedule(PMS) of TPC-CDPP Unit no. 1.(VSO-PUSR-2025-066)
OIL	05CARMENDPP_U01	10	08/24/2025 16:44	08/27/2025 6:30	3	Forced	Unit 1 emergency shutdown due to heavy lube oil leak at generator bearing saddle coupling side.
OIL	05CARMENDPP_U04	10	08/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining
OIL	05CPPC_U03	6.5	09/15/2025 13:57	09/16/2025 2:00	1	Forced	Unit emergency out due to HT cooling water pump failure.

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Visayas							
OIL	05CPPC_U05	6.5	09/04/2025 13:18	09/05/2025 0:00	1	Forced	Unit tripped with HT water temperature shutdown indication
OIL	05CPPC_U06	6.5	09/10/2025 8:00			Planned	Planned outage (GOMP) with Document No VSO-PUSR-2025-060
OIL	05CPPC_U07	6.5	09/10/2025 8:00			Planned	Planned outage (GOMP) with Document No VSO-PUSR-2025-060
OIL	05CPPC_U08	6.3	09/06/2025 0:01			Planned	To conduct DG#8 Engine block Machining and PLC Upgrade
OIL	05CPPC_U09	6.3	09/10/2025 8:00			Planned	Planned outage (GOMP) with Document No VSO-PUSR-2025-060
OIL	05CPPC_U10	6.3	09/10/2025 8:00			Planned	Planned outage (GOMP) with Document No VSO-PUSR-2025-060
OIL	05EAUC_U01	11.5	08/26/2025 0:01			Shutdown	Decommissioned
OIL	05EAUC_U03	11.5	09/01/2025 8:00	09/08/2025 0:00	7	Planned	Planned outage
OIL	05EAUC_U03	11.5	09/23/2025 8:32	09/24/2025 1:08	1	Forced	Unable to cut-in due to Water Leak at cylinder A4.
OIL	05EAUC_U03	11.5	09/08/2025 0:01	09/15/2025 11:00	7	Maintenance	Turbocharger repair and piston replacement
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	07BDPP_U01	4	09/16/2025 0:01	09/18/2025 17:41	2	Forced	Annual PMS of Transformer 1 and Calibration of Protective Relays (Extended).
OIL	07BDPP_U01	4	09/10/2025 8:01	09/16/2025 0:00	6	Maintenance	Due to schedule maintenance of station service.
OIL	07BDPP_U02	4	09/16/2025 0:01	09/20/2025 16:01	4	Forced	Annual PMS of Transformer 1 and Calibration of Protective Relays (Extended).
OIL	07BDPP_U02	4	09/01/2025 8:01	09/16/2025 0:00	15	Maintenance	Scheduled PMS as per VSO-PUSR-2025-059.
OIL	07BDPP_U03	4.2	09/16/2025 23:13	09/17/2025 0:21	1	Forced	Observed heavy smoke at smokestack.
OIL	07BDPP_U03	4.2	09/18/2025 11:10			Maintenance	Annual GOMP schedule of Power Plant Shutdown as per VSO - PUSR - 2025-003..
OIL	07BDPP_U04	4	09/18/2025 11:10			Maintenance	Annual GOMP schedule of Power Plant Shutdown as per VSO - PUSR - 2025-004.
OIL	07TPLPB4_U01	7	09/12/2025 6:08	09/15/2025 18:00	3	Planned	Annual GOMP shedule of Power Plant Shutdown as per VSO - PUSR - 2025-064.
OIL	07TPLPB4_U01	7	09/19/2025 10:58	09/20/2025 16:56	1	Forced	Excessive gas leak due to busted air starting valve of cylinder 5R.
OIL	07TPLPB4_U02	7	09/12/2025 6:08	09/15/2025 18:00	3	Planned	Annual GOMP shedule of Power Plant Shutdown as per VSO - PUSR - 2025-064.
OIL	07TPLPB4_U03	7	09/12/2025 6:08	09/15/2025 18:00	3	Planned	Annual GOMP shedule of Power Plant Shutdown as per VSO - PUSR - 2025-064.
OIL	07TPLPB4_U04	8	09/12/2025 6:08	09/15/2025 18:00	3	Planned	Annual GOMP shedule of Power Plant Shutdown as per VSO - PUSR - 2025-064
OIL	08NABASDPP_U02	3.4	09/15/2025 23:45	09/16/2025 0:33	1	Forced	Low air pressure
OIL	08PDPP1_U02	5	09/14/2025 10:11			Forced	Unable to start due to loss of excitation voltage and abnormal sound at generator.

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Visayas							
OIL	08STBPB1_U02	6	09/19/2025 16:05	09/20/2025 2:15	1	Forced	Unit emergency shutdown due to heavy knocking at camlobe cylinder 1L
Mindanao							
BAT	11JASA_BAT	20	08/26/2025 9:55	08/29/2025 23:00	3	Forced	Non-GOMP. ETC Aug. 29 2025 1700H. (Planned Outage)
BIOF	14BIOGS_G01	12.4	09/12/2025 18:20	09/13/2025 11:00	1	Forced	Shutdown due to Low Gas Production Storage. (OMC Outage)
BIOF	14BIOMS_U01	5.7	10/08/2024 15:56			Forced	Tripped due to SOCOTECO 1 69KV(SRB)line power outage.
BIOF	14SPGI_U01	6	09/07/2025 0:00			Forced	Shutdown due to non-availability of livestock (OMC Outage)
COAL	10GNPK_U01	151.9	09/13/2025 0:02			Planned	PMS(GOMP). ETC October 04 2025. (Planned Outage)
COAL	10GNPK_U02	151	08/24/2025 0:03			Planned	PMS(GOMP). ETC October 04 2025. (Planned Outage)
COAL	10PPEI_U01	24.1	07/05/2025 13:56	09/02/2025 16:08	59	Forced	Emergency S D due to high vibration on the motor condensate pump. (Forced Outage)
COAL	10PPEI_U01	24.1	09/09/2025 9:37	09/10/2025 16:13	1	Forced	Outage due to blockage at coal feeder. (Forced Outage)
COAL	10PPEI_U01	24.1	09/14/2025 23:14	09/15/2025 19:12	1	Forced	Auto-tripped. Due to misalignment of the belt in the coal feeders 1 & 2. (Forced Outage)
COAL	11FDC_U01	135	07/24/2025 0:59	09/13/2025 22:30	51	Forced	The plant was shut down (gradual unloading) due to a tube leak problem. (Forced
COAL	11FDC_U01	135	09/14/2025 13:22	09/15/2025 2:10	1	Forced	Auto-tripped. Indication Main Fuel Trip. (Forced Outage)
COAL	11MINBAL_G01	55	09/06/2025 0:05	09/25/2025 23:59	19	Planned	PMS (GOMP). ETC Sept. 25 2025. (Planned Outage)
COAL	11MINBAL_G01	55	09/26/2025 0:00			Forced	Extended PMS (GOMP). New ETC Sept. 29 2025.
COAL	11MINBAL_G01	55	09/18/2025 13:02	09/19/2025 5:01	1	Forced	Plant tripped due to tripping of turbine. Speed deviation high. (Forced Outage)
GEO	14MTAPO_U03	3.6	08/19/2025 0:09	08/31/2025 23:59	12	Planned	PMS (GOMP). ETC August 31 2025. (Planned Outage)
GEO	14MTAPO_U03	3.6	09/01/2025 0:00	09/04/2025 11:32	3	Forced	Extended GOMP Outage.
GEO	14MTAPO_U03	3.6	09/08/2025 9:10			Forced	Auto-tripped. Indication Very high butane detection. (Forced Outage)
HYD	10AGUS1_U01	35	08/27/2025 18:19	08/29/2025 17:53	2	Forced	Auto-tripped. Indication for Verification. (Forced Outage)
HYD	10AGUS1_U02	35	07/08/2025 8:02			Planned	PMS (GOMP). ETC October 5 2025
HYD	10AGUS2_U01	60	09/01/2025 8:05	09/03/2025 17:36	2	Planned	Planned Outage (PMS-GOMP). ETC September 3 2025.
HYD	10AGUS2_U03	60	08/20/2025 8:05	08/31/2025 12:11	11	Planned	PMS(GOMP). ETC September 1 2025
HYD	10AGUS4_U01	52.7	09/08/2025 8:02			Planned	PMS(GOMP). ETC October 8 2025.
HYD	10AGUS4_U02	52.7	08/12/2025 8:03	08/27/2025 23:30	15	Planned	PMS (GOMP). ETC September 01 2025. (Planned Outage)
HYD	10AGUS6_U01	34.5	08/01/2025 9:02	09/06/2025 10:37	36	Planned	PMS(GOMP). ETC September 15 2025
HYD	10AGUS6_U03	50	09/22/2025 9:02	09/23/2025 20:11	1	Forced	Shutdown. Non-GOMP. ETC September 24 2025
HYD	10AGUS6_U05	43.8	09/11/2025 9:01	09/15/2025 13:01	4	Planned	PMS ETC Sept. 17 2025 (Planned Outage)
HYD	10AGUS7_U02	25.3	09/15/2025 9:02	09/16/2025 10:49	1	Planned	PMS (GOMP). ETC September 16 2025 (Planned Outage)

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ANNEX
OUTAGE SUMMARY
26 August - 25 September 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
HYD	11MANFOR_G01	16.2	09/05/2025 23:21	09/06/2025 0:19	1	Forced	Tripped. Ind. Pressure difference over MIV too high. (Unplanned Outage)
HYD	11PULA4_U02	75	09/01/2025 10:08	09/02/2025 17:01	1	Forced	Tripped. Indication Excitation trip. (Forced Outage) ETC September 2 2025-1200H.
HYD	11PULA4_U02	75	09/05/2025 8:05	09/09/2025 8:14	4	Forced	PMS (Non-GOMP). ETC Sept. 9 2025. (Planned Outage)
HYD	11PULA4_U03	75	09/01/2025 8:04			Planned	Planned Outage (PMS-GOMP). ETC September 30 2025.
HYD	12LKMAINIT_G01	24.8	09/01/2025 8:06	09/06/2025 17:59	5	Planned	Planned Outage (PMS-GOMP). ETC September 7 2025.
HYD	13EUROH_G01	3	09/20/2025 17:56	09/21/2025 2:00	1	Forced	Plant isolated due to NORDECO line outage. (OMC Outage)
HYD	13TALOM1_G01	0.5	09/13/2025 20:12	09/14/2025 0:53	1	Forced	Plant tripped due to DLPC unbalanced voltage. (OMC Outage)
HYD	13TALOM1_G01	0.5	09/14/2025 15:20	09/15/2025 0:25	1	Forced	Plant shutdown due to clogged up weir intake. (Forced Outage)
HYD	13TALOM1_G01	0.5	09/13/2025 20:12	09/14/2025 0:41	1	Forced	Plant tripped due to DLPC unbalanced voltage. (OMC 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	08/11/2025 7:05	08/26/2025 17:00	15	Forced	End of milling season.
HYD	14MARBEL_U01	0.5	09/11/2025 18:42	09/12/2025 10:10	1	Forced	Emergency shutdown due to high level of water in the tailrace. (OMC Outage)
HYD	14SIGHYDRO_G01	14.5	08/28/2025 23:27	08/29/2025 10:35	1	Forced	Affected by the tripping of GenSan -Tinoto 69kV Line 1. (OMC Outage)
HYD	14SIGHYDRO_G01	14.5	09/11/2025 23:42			Forced	Automatic shutdown due to minimum water level. (Forced Outage)
HYD	14SIGHYDRO_G01	14.5	09/25/2025 6:22			Forced	Emergency shutdown due to broken headrace pipe. (Forced Outage)
OIL	09WMPC_U01	10.2	09/14/2025 16:15	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced Outage)
OIL	09WMPC_U02	10.2	09/14/2025 19:37	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced Outage)
OIL	09WMPC_U04	10.2	09/14/2025 10:10	09/15/2025 6:00	1	Forced	Auto-tripped. Indication Vector Surge. (Forced Outage)
OIL	09WMPC_U06	10.2	09/14/2025 17:50	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced Outage)
OIL	09WMPC_U07	10	09/14/2025 17:10	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced Outage)
OIL	09WMPC_U09	10.2	09/14/2025 17:55	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced Outage)
OIL	09WMPC_U10	10.2	09/14/2025 15:33	09/15/2025 6:00	1	Forced	Declared unavailable due to generator reverse alarm. (Forced 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	12PKSFRA_U01	5.2	09/06/2025 12:00			Forced	Shutdown to effect the repair of a severely damaged smoke stack. (Forced Outage)
OIL	12PKSFRA_U02	5.2	09/06/2025 12:00			Forced	Shutdown to effect the repair of a severely damaged smoke stack. (Forced Outage)

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ANNEX
OUTAGE SUMMARY
26 August - 25 September 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
OIL	13MAGDBNK_U01	4.6	09/08/2025 0:01	09/14/2025 23:30	6	Planned	PMS(GOMP). ETC September 15 2025.
OIL	13MAGDBNK_U02	4.6	09/15/2025 0:01	09/21/2025 23:30	6	Planned	PMS (GOMP). ETC September 22 2025. (Planned Outage)
OIL	13MAGDBNK_U03	4.6	09/22/2025 0:01			Planned	PMS (GOMP). ETC September 29 2025. (Planned Outage)

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ANNEX
CONGESTED LINES AND EQUIPMENTS

26 August - 25 September 2025

Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
6KABAN_TR2	72	0.8%
8STBAR_TR1P	25	0.3%
5DAAN_4TAB2	20	0.2%
1MEXI_1HER1	11	0.1%
09AURO_09NAG2	7	0.1%
1SUP_TR1	6	0.1%
1BAKUN_TR1	5	0.1%
6KABAN_TR1	5	0.1%
3STRO_3CLA1	4	0.0%
6CADIZ_TR1	3	0.03%
1ANGAT_TR3	3	0.03%
8STBAR_TR3P	1	0.01%
6PGPP1_TR3	1	0.01%
5MAND_5LAP1	1	0.01%
3BCF_TR2	1	0.01%
5LAPU_TR1	1	0.01%
12BISL_13NAB1	1	0.01%

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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