MONTHLY MARKET STATISTICS

NOVEMBER 2025

(26 October to 25 November 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 October - 25 November 2025

Total Registered Capacity (MW)

29,959 0.09%▼

Previous Month: 29,987

Average Demand (MW)

13,652 2.40%▼

Previous Month: 13,988

Average Capacity Offered/Nominated (MW)

19,783 66.03% of the total Registered Capacity

Previous Month: 19,739

Average Capacity Not Offered/Nominated (MW)

5,299 17.69% of the total Registered Capacity

Previous Month: 5,839

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

4,266 11.26%▼

Previous Month: 4,807

Average Capacity of Plants on Commissioning (MW)

527 1.76% of the total Registered Capacity

Previous Month: 399

Average Capacity on Outage (MW)

4,384 14.63% of the total Registered Capacity

Previous Month: 3,936

Average Effective Supply (MW)

17,804 0.20%▼

Previous Month: 17,840

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MARKET OUTCOME
REGIONAL AT A GLANCE

26 October - 25 November 2025

Philippine Electricity Market Corporation

Luzon

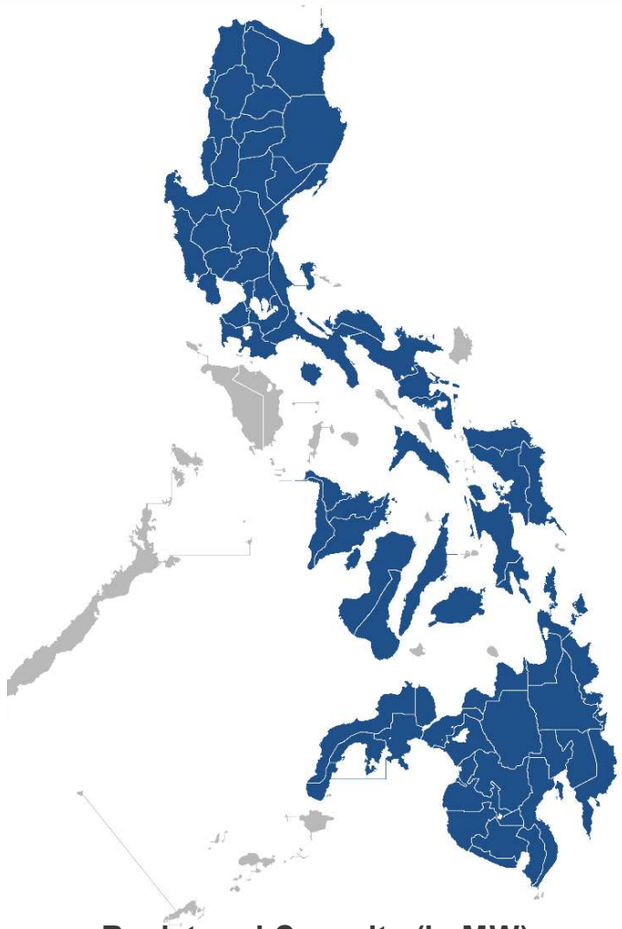
Total Registered Capacity (MW)	21,722.80
Average Effective Supply (MW)	12,424.56
Average Demand (MW)	9,711.24

Visayas

Total Registered Capacity (MW)	3,853.90
Average Effective Supply (MW)	2,427.55
Average Demand (MW)	1,842.91

Mindanao

Total Registered Capacity (MW)	4,382.10
Average Effective Supply (MW)	2,988.49
Average Demand (MW)	2,115.16



Zones	LWAP	Month-on-Month % Change
Northern Luzon	3,727.26	10.36%▼
Metro Manila	3,776.52	9.96%▼
Southern Luzon	3,698.58	10.29%▼
Bohol	5,907.35	7.22%▼
Cebu	5,683.37	10.52%▼
Leyte-Samar	5,817.47	8.19%▼
Negros	5,744.26	11.40%▼
Panay	5,813.22	11.82%▼
Lanao	4,730.27	14.12%▼
North Central	4,873.70	15.15%▼
North-East	5,851.50	13.65%▼
North-West	5,796.03	14.36%▼
South-East	5,502.09	14.56%▼
South-West	5,733.75	14.37%▼

Registered Capacity (in MW)

	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,666.60	4,554.50	773.10	2,552.10	1,690.30	403.30	2,492.80	155.60	434.50
Visayas	1,329.70		846.50	65.70	451.60	102.80	731.90	191.50	134.20
Mindanao	2,239.60		105.60	1,161.50	648.70	0.00	67.20	59.50	100.00

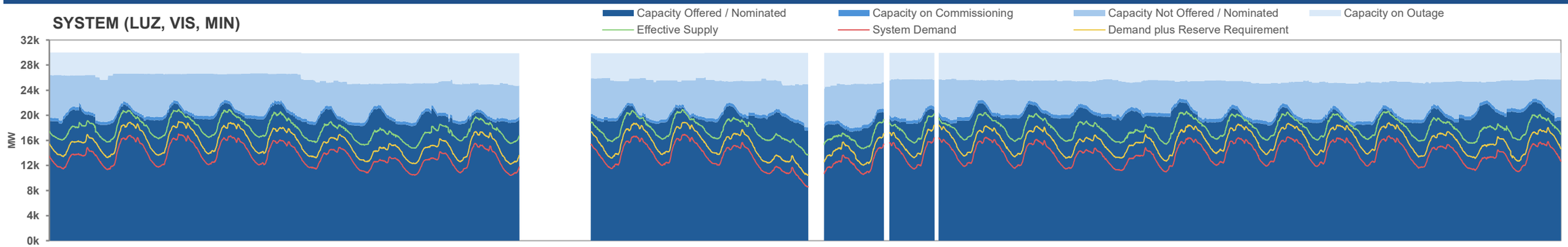
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MARKET OUTCOME
CAPACITY PROFILE

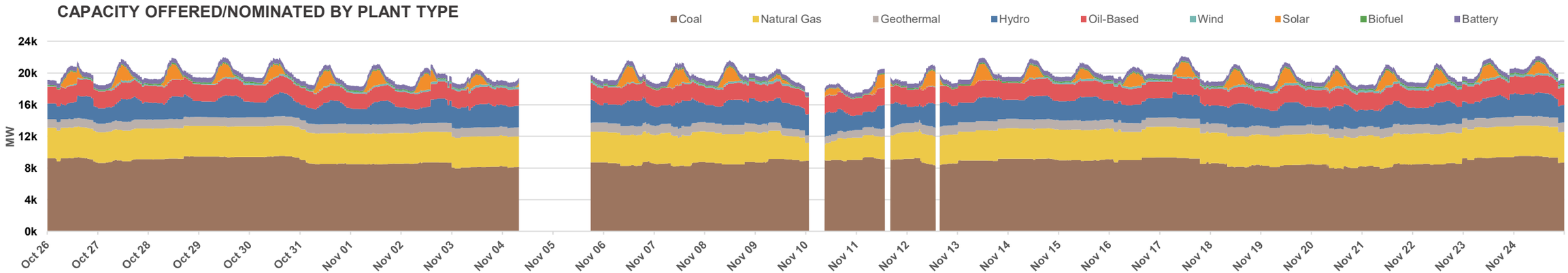
26 October - 25 November 2025

Philippine Electricity Market Corporation

SYSTEM (LUZ, VIS, MIN)



CAPACITY OFFERED/NOMINATED BY PLANT TYPE



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	13,684.46	11/10/2025 1:20	20,971.16	10/28/2025 13:40	17,803.70	0.20%▼
Luzon	8,643.91	11/10/2025 1:00	14,903.35	11/7/2025 13:25	12,424.56	1.07%▲
Visayas	1,278.26	11/4/2025 6:40	3,021.84	10/28/2025 14:10	2,427.55	3.61%▼
Mindanao	2,492.17	11/2/2025 4:05	3,587.08	11/10/2025 14:05	2,988.49	2.21%▼
Demand Plus Reserve Requirement						
System	10,405.29	11/10/2025 1:25	19,017.08	10/28/2025 13:35	15,569.77	2.64%▼
Luzon	6,644.29	11/10/2025 1:25	13,495.01	11/6/2025 15:35	11,022.47	2.39%▼
Visayas	985.27	11/4/2025 7:55	2,792.29	10/28/2025 14:00	2,176.18	4.90%▼
Mindanao	1,804.39	11/2/2025 4:55	3,046.96	11/7/2025 13:45	2,390.87	2.07%▼

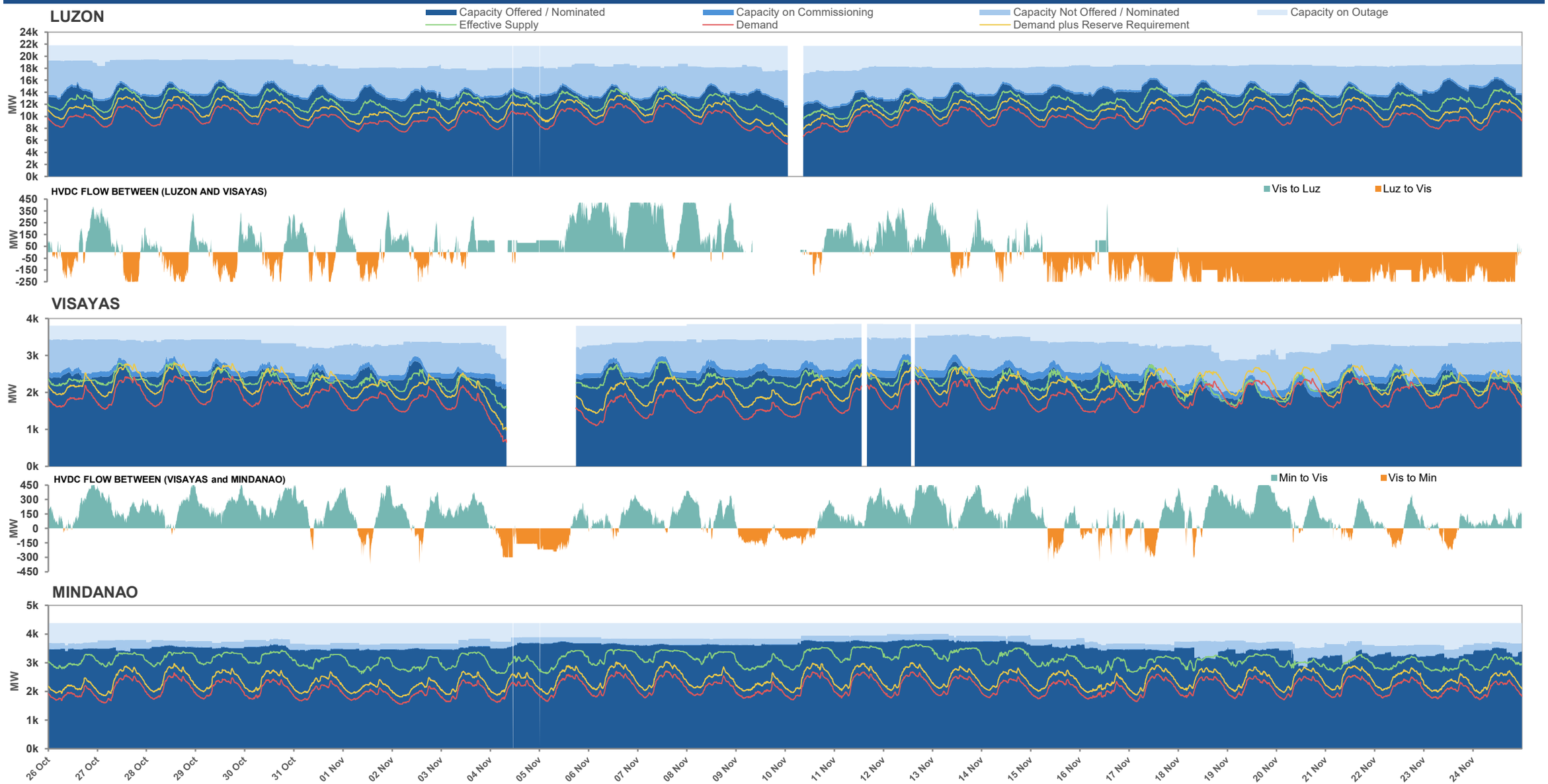
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	7,843.80	11/20/2025 14:55	9,511.50	11/24/2025 11:50	8,817.26	7.41%▼
Natural Gas	1,943.30	11/10/2025 9:05	3,861.80	10/26/2025 0:05	3,760.87	21.00%▲
Geothermal	835.10	11/10/2025 14:15	1,197.50	11/24/2025 7:30	1,132.60	3.85%▲
Hydro	1,761.20	10/26/2025 8:20	3,285.00	11/6/2025 18:55	2,545.58	0.86%▲
Oil Based	1,869.00	11/1/2025 10:05	2,254.20	11/24/2025 22:45	2,126.69	2.40%▼
Wind	4.90	11/13/2025 21:20	347.30	11/9/2025 10:20	186.34	95.34%▲
Solar	0.00	10/26/2025 0:05	2,132.30	11/2/2025 11:25	493.62	8.19%▼
Biofuel	69.20	11/10/2025 9:55	195.90	11/18/2025 15:35	157.57	13.96%▲
Battery Storage	422.50	11/10/2025 11:40	587.00	10/28/2025 18:55	562.61	3.59%▲

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MARKET OUTCOME
CAPACITY PROFILE

26 October - 25 November 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
CAPACITY PROFILE

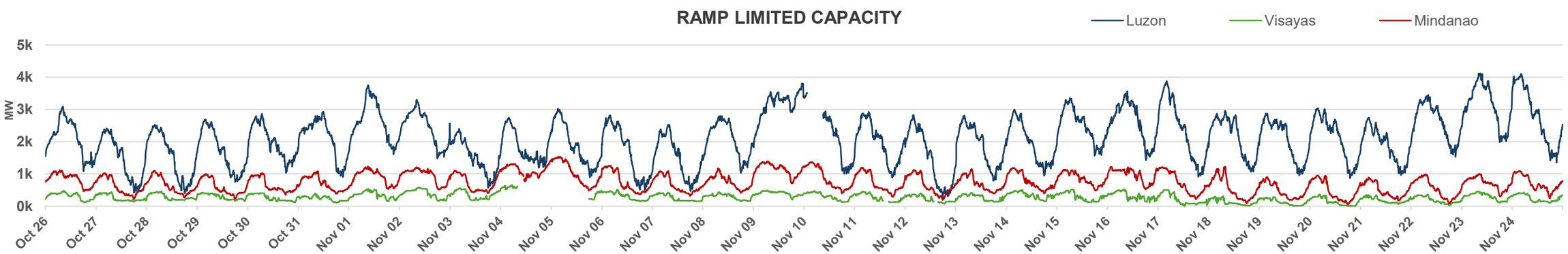
26 October - 25 November 2025

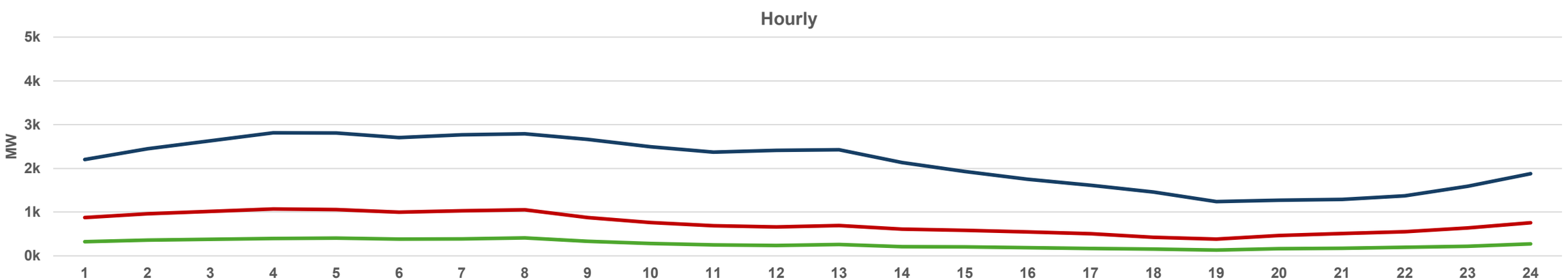
Philippine Electricity Market Corporation

HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	0.07	250.00	51%	4.65%▼
Vis-Luz	0.08	420.00	44%	32.38%▲
Vis-Min	0.18	376.00	24%	17.64%▲
Min-Vis	0.01	450.00	76%	4.81%▼

**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	526.89	11/12/2025 17:50	5,562.85	11/24/2025 4:05	3,127.53	10.93%▲
Luzon	247.25	11/12/2025 17:50	4,124.36	11/23/2025 8:55	2,121.31	18.67%▲
Visayas	- 2.66	11/17/2025 12:30	652.53	11/4/2025 5:30	271.54	11.71%▲
Mindanao	50.98	11/20/2025 18:05	1,529.07	11/5/2025 3:30	738.11	6.16%▼

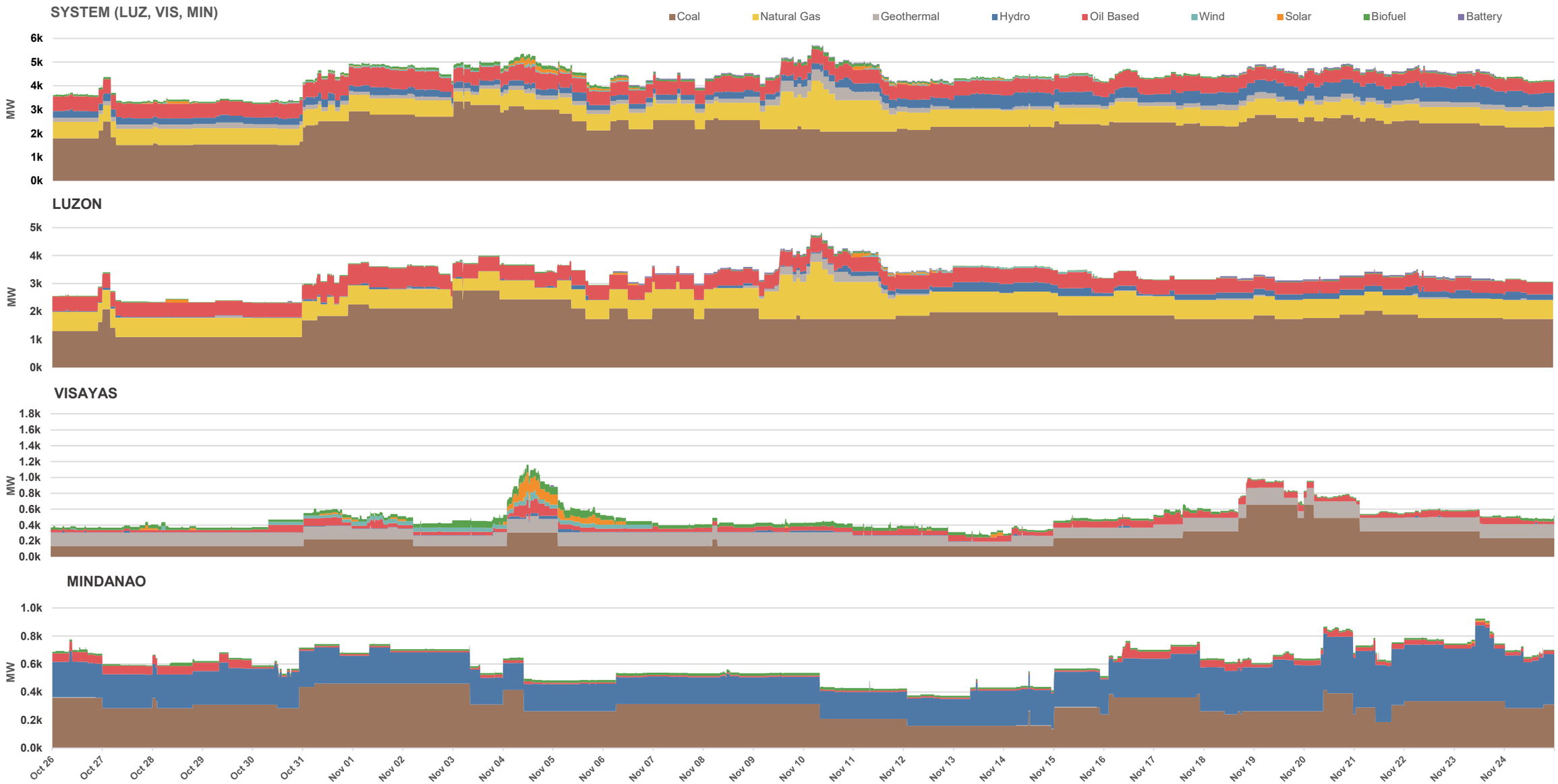




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MARKET OUTCOME
OUTAGE BY PLANT TYPE
26 October - 25 November 2025

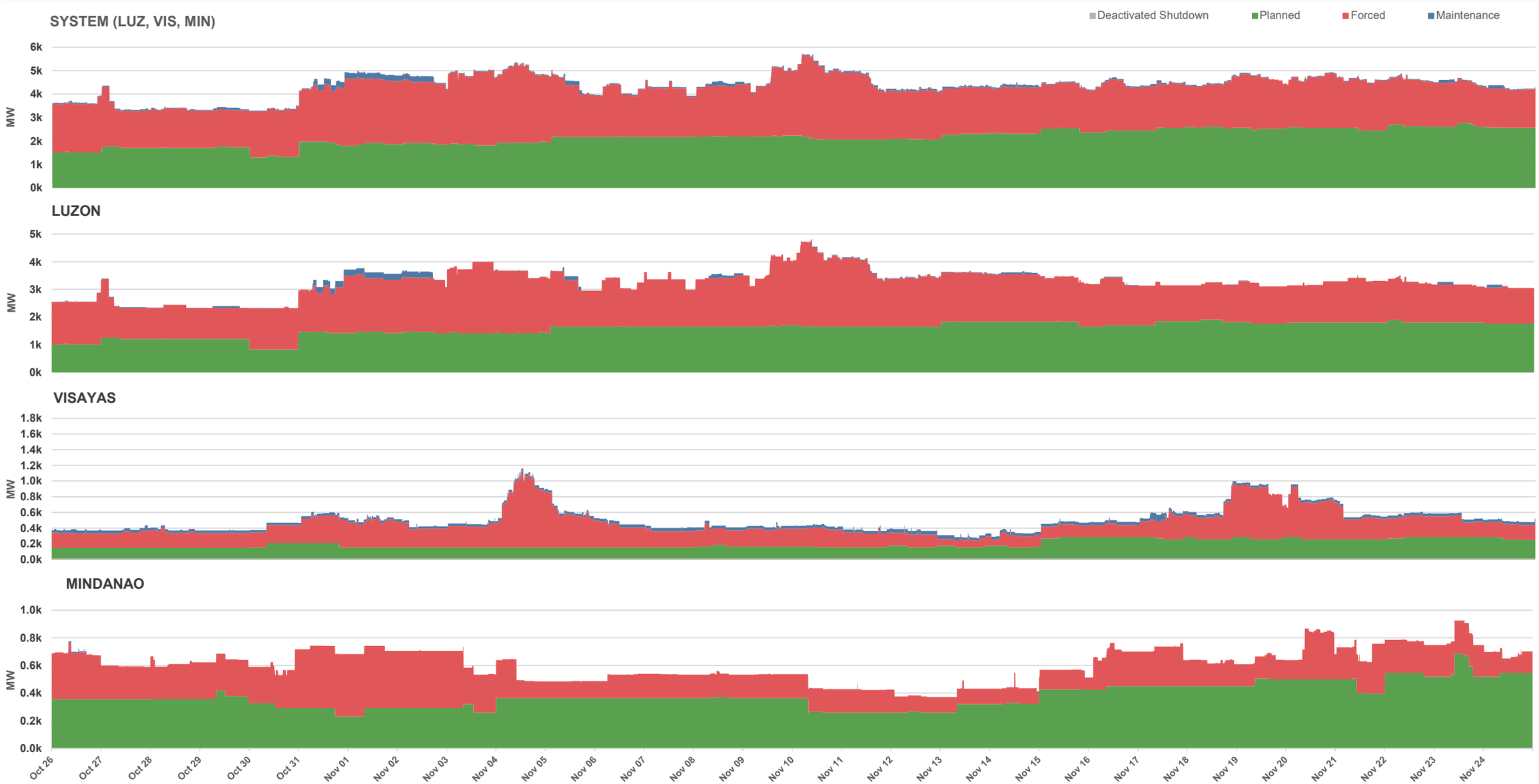
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MARKET OUTCOME
OUTAGE BY CATEGORY
26 October - 25 November 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 October - 25 November 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	1,507.00	10/27/2025 6:20	3,347.80	11/3/2025 0:05	2,330.18	51.21%▲
Natural Gas	420.60	10/31/2025 8:50	2,047.40	11/10/2025 3:55	741.16	31.69%▼
Geothermal	55.40	11/12/2025 21:45	531.67	11/10/2025 8:50	189.96	0.95%▼
Hydro	200.80	11/3/2025 16:35	791.70	11/22/2025 9:15	394.06	18.52%▼
Oil Based	485.50	11/24/2025 22:00	853.50	11/1/2025 13:40	601.74	9.01%▲
Wind	13.20	10/26/2025 0:05	102.80	11/4/2025 10:20	49.53	8.21%▼
Solar	3.40	10/31/2025 6:40	257.20	11/4/2025 11:05	36.92	37.54%▲
Biofuel	34.60	11/19/2025 8:05	156.60	11/10/2025 11:35	74.03	27.54%▲
Battery Storage	20.00	10/26/2025 0:05	50.00	11/18/2025 8:20	40.42	23.72%▲

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	1,087.00	10/27/2025 6:20	2,752.40	11/3/2025 0:05	1,806.57	61.71%▲
Natural Gas	420.60	10/31/2025 8:50	2,047.40	11/10/2025 3:55	741.16	31.69%▼
Geothermal	1.33	10/30/2025 0:05	360.07	11/10/2025 8:50	50.29	54.36%▲
Hydro	8.70	11/2/2025 18:00	386.80	11/13/2025 7:05	123.42	56.99%▼
Oil Based	430.00	11/18/2025 16:35	727.00	10/31/2025 6:45	515.51	9.66%▲
Wind	18.80	10/26/2025 0:05	67.50	11/11/2025 7:35	51.23	36.75%▼
Solar	3.40	10/31/2025 6:40	139.50	11/11/2025 0:05	20.17	146.05%▲
Biofuel	11.00	11/6/2025 10:05	77.80	11/10/2025 8:30	23.18	19.41%▲
Battery Storage	24.00	10/26/2025 0:05	50.00	11/18/2025 8:20	40.55	1.37%▲

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	135.00	10/26/2025 0:05	659.60	11/18/2025 20:25	219.20	38.29%▲
Natural Gas						
Geothermal	55.40	11/12/2025 21:45	213.41	11/19/2025 1:55	158.09	9.33%▼
Hydro	0.90	10/26/2025 23:40	42.10	11/4/2025 18:05	6.55	27.69%▲
Oil Based	29.50	10/26/2025 4:05	178.50	11/4/2025 11:50	60.64	1.25%▼
Wind	13.20	10/26/2025 0:05	102.80	11/4/2025 10:20	48.27	8.39%▲
Solar	19.80	10/26/2025 0:05	257.20	11/4/2025 11:05	65.83	9.23%▲
Biofuel	11.90	11/18/2025 15:05	106.10	11/13/2025 12:50	37.92	13.00%▲
Battery Storage	20.00	10/26/2025 0:05	20.00	11/4/2025 23:15	20.00	51.75%▼

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	135.00	11/14/2025 22:55	460.40	10/31/2025 5:40	304.41	7.49%▲
Natural Gas						
Geothermal	3.60	10/26/2025 20:50	3.60	10/26/2025 0:05	3.60	
Hydro	191.20	11/3/2025 13:15	540.20	11/23/2025 10:05	264.09	37.60%▲
Oil Based	10.60	10/29/2025 23:40	112.30	11/16/2025 10:35	25.59	24.82%▲
Wind						
Solar	10.00	10/26/2025 0:05	10.00	11/23/2025 6:15	10.00	85.41%▲
Biofuel	5.70	10/27/2025 8:45	32.70	10/26/2025 13:05	12.94	88.79%▲
Battery Storage						

System

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	1,283.50	10/30/2025 0:05	2,760.00	11/23/2025 10:05	2,150.32	58.27%▲
Maintenance	30.00	11/19/2025 14:30	243.40	10/31/2025 14:40	65.87	35.45%▼
Forced	1,560.85	10/27/2025 8:45	3,535.87	11/10/2025 8:50	2,157.26	12.36%▼
Deactivated Shutdown	11.50	10/26/2025 0:05	11.50	10/26/2025 0:05	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	822.00	10/30/2025 0:05	1,906.10	11/18/2025 6:20	1,579.28	50.05%▲
Maintenance	3.40	10/31/2025 6:40	213.40	10/31/2025 14:40	56.39	29.21%▼
Forced	1,132.00	10/28/2025 6:05	3,127.17	11/10/2025 8:50	1,662.35	12.37%▼
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	135.00	10/26/2025 0:05	278.50	11/15/2025 8:30	187.46	116.27%▲
Maintenance	30.00	11/19/2025 14:30	89.80	11/17/2025 5:05	35.33	14.49%▼
Forced	79.20	11/13/2025 17:05	977.30	11/4/2025 11:55	271.15	7.94%▼
Deactivated Shutdown	11.50	10/26/2025 0:05	11.50	10/26/2025 0:05	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	231.50	10/31/2025 17:50	684.40	11/23/2025 10:05	383.58	68.16%▲
Maintenance	10.40	10/26/2025 0:05	10.40	10/26/2025 8:05	10.40	86.13%▼
Forced	89.50	11/15/2025 22:20	456.10	10/31/2025 19:00	223.76	17.09%▼
Deactivated Shutdown						

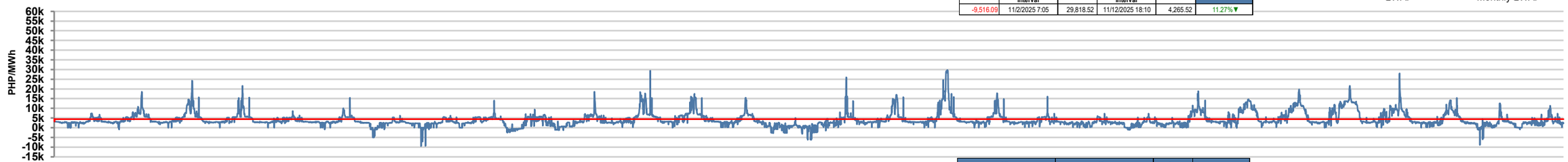
PUBLIC

MARKET OUTCOME
MARKET PRICE
26 October - 25 November 2025

Philippine Electricity Market Corporation

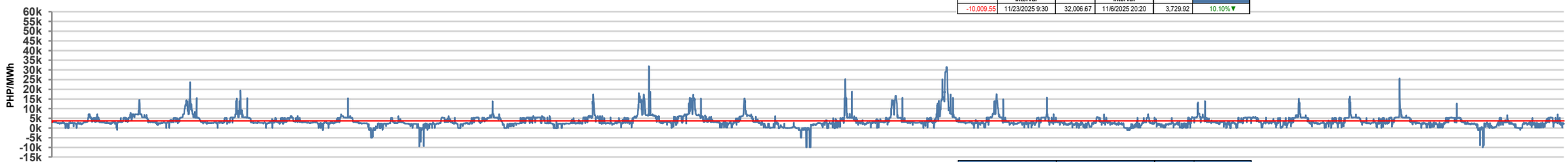
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-9,516.09	11/2/2025 7:05	29,818.52	11/12/2025 18:10	4,265.52	11.27%▼



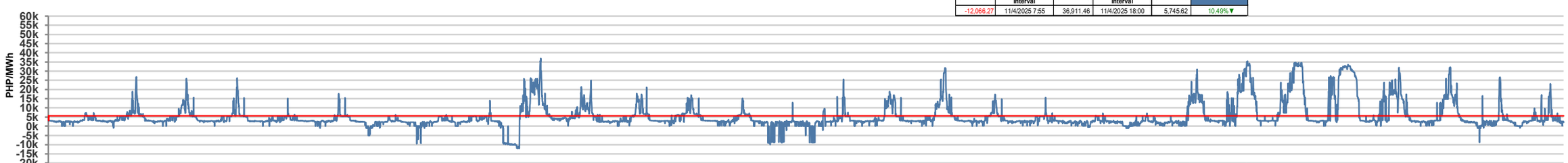
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,009.55	11/23/2025 9:30	32,006.67	11/6/2025 20:20	3,729.92	10.10%▼



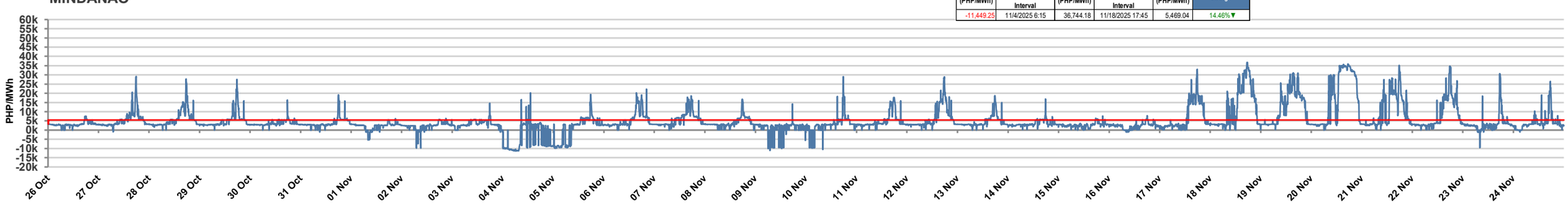
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-12,066.27	11/4/2025 7:55	36,911.46	11/4/2025 18:00	5,745.62	10.49%▼



MINDANAO

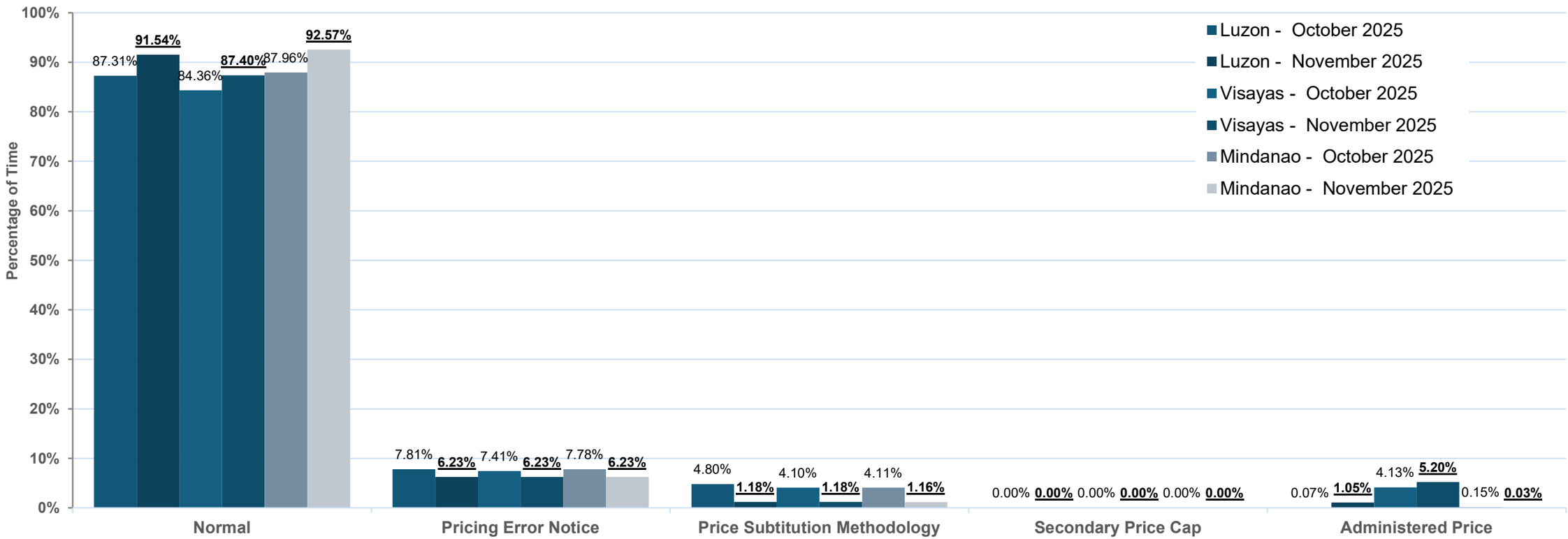
Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-11,449.25	11/4/2025 6:15	36,744.18	11/18/2025 17:45	5,469.04	14.46%▼



PUBLIC

MARKET OUTCOME
PRICING CONDITION
26 October - 25 November 2025

Philippine Electricity Market Corporation



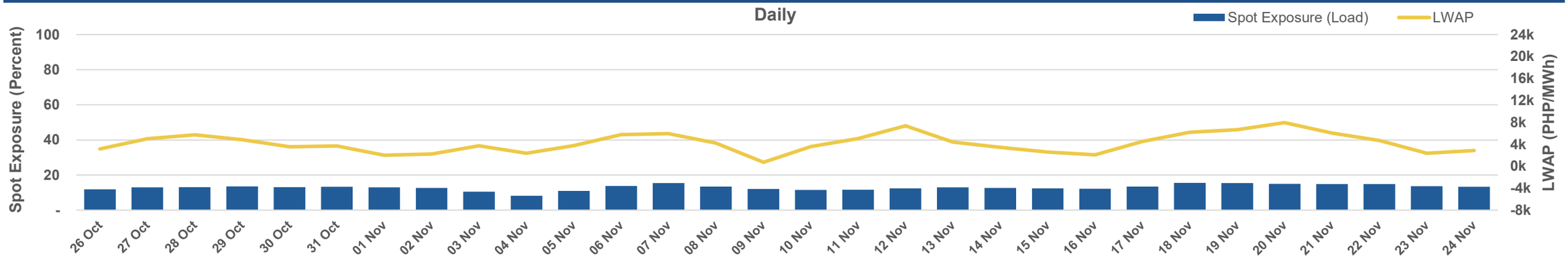
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Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	October 2025	7,544	87.31%	675	7.81%	415	4.80%	0	0.00%	6	0.07%
	November 2025	8,173	91.54%	556	6.23%	105	1.18%	0	0.00%	94	1.05%
Visayas	October 2025	7,289	84.36%	640	7.41%	354	4.10%	0	0.00%	357	4.13%
	November 2025	7,803	87.40%	556	6.23%	105	1.18%	0	0.00%	464	5.20%
Mindanao	October 2025	7,600	87.96%	672	7.78%	355	4.11%	0	0.00%	13	0.15%
	November 2025	8,265	92.57%	556	6.23%	104	1.16%	0	0.00%	3	0.03%

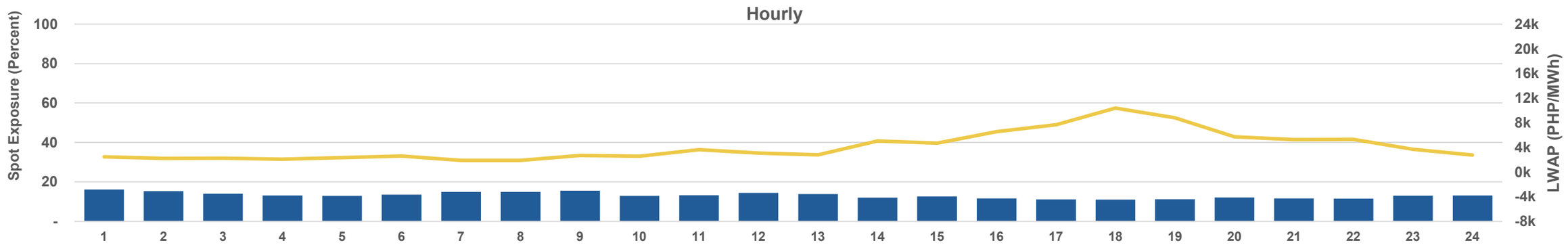
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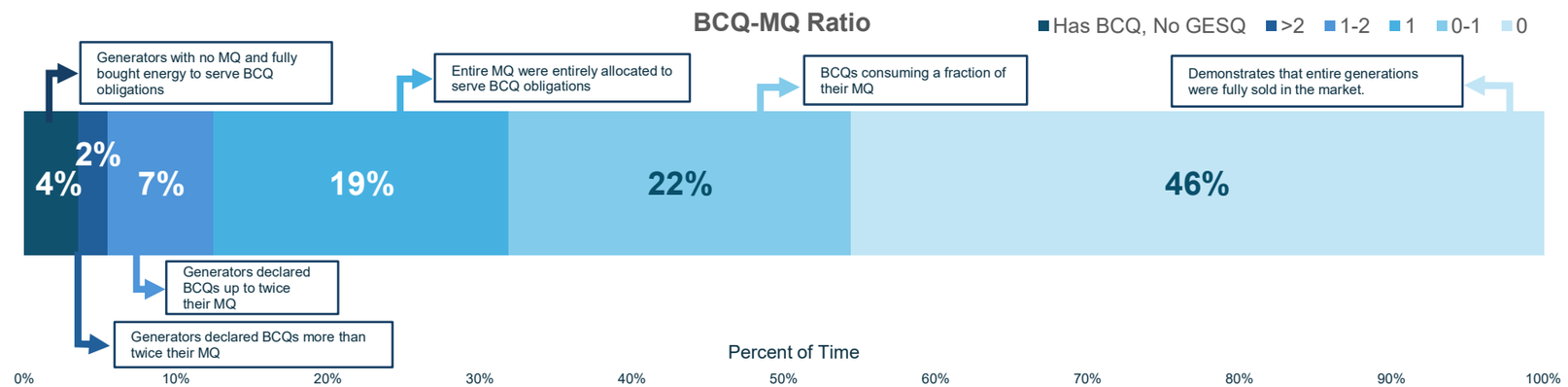
MARKET OUTCOME
SPOT EXPOSURE

26 October - 25 November 2025

Philippine Electricity Market Corporation







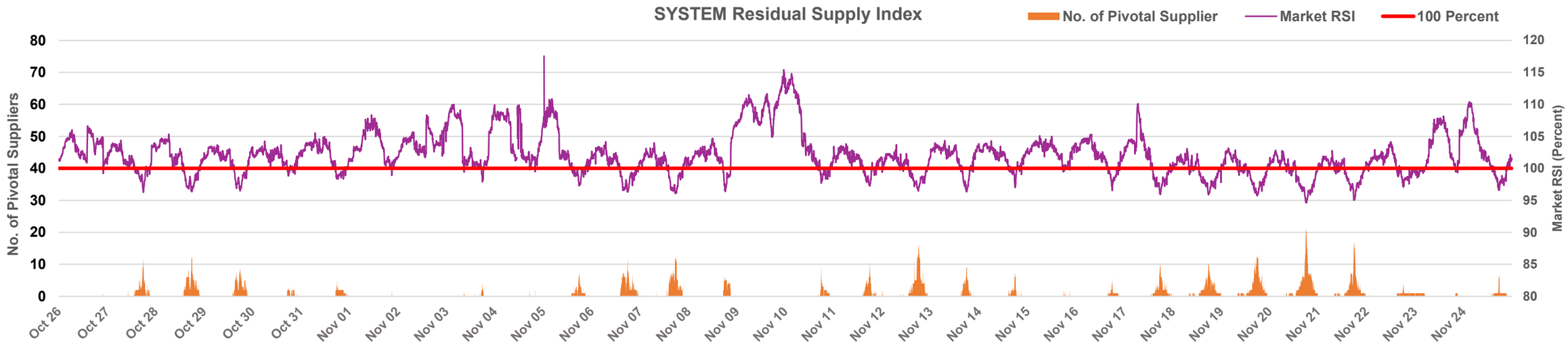
Legend	% of Time	Remarks
Has BCQ, No GESQ	4%	Generators with no MQ and fully bought energy to serve BCQ obligations
>2	2%	Generators declared BCQs more than twice their MQ
1-2	7%	Generators declared BCQs up to twice their MQ
1	19%	Entire MQ were entirely allocated to serve BCQ obligations
0-1	22%	BCQs consuming a fraction of their MQ
0	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 October - 25 November 2025

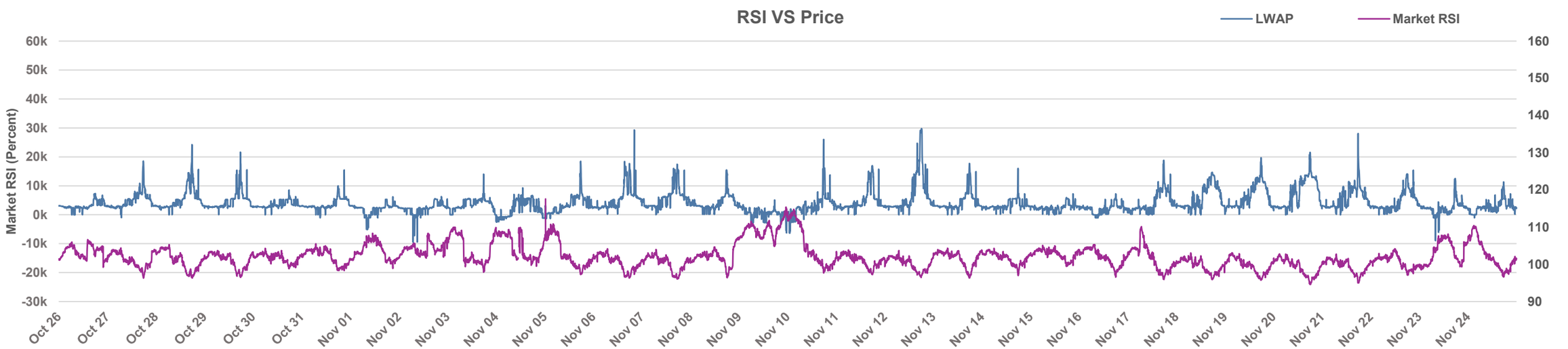
Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	117.54	2,426.36	11/5/2025 0:25
Min	94.62	21,422.19	11/20/2025 18:10

Price (PHP/MWh)		RSI	Time Interval
Max	29,818.52	97.03	11/12/2025 18:10
Min	-9,516.09	105.33	11/2/2025 7:05

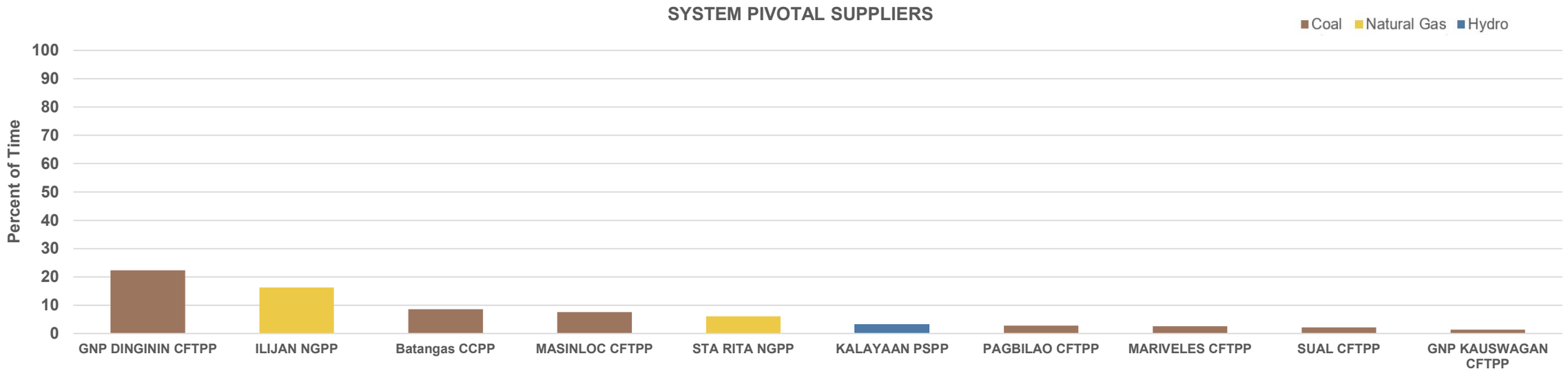
Pivotal Supplier		Time Interval
Max	21	11/20/2025 17:55

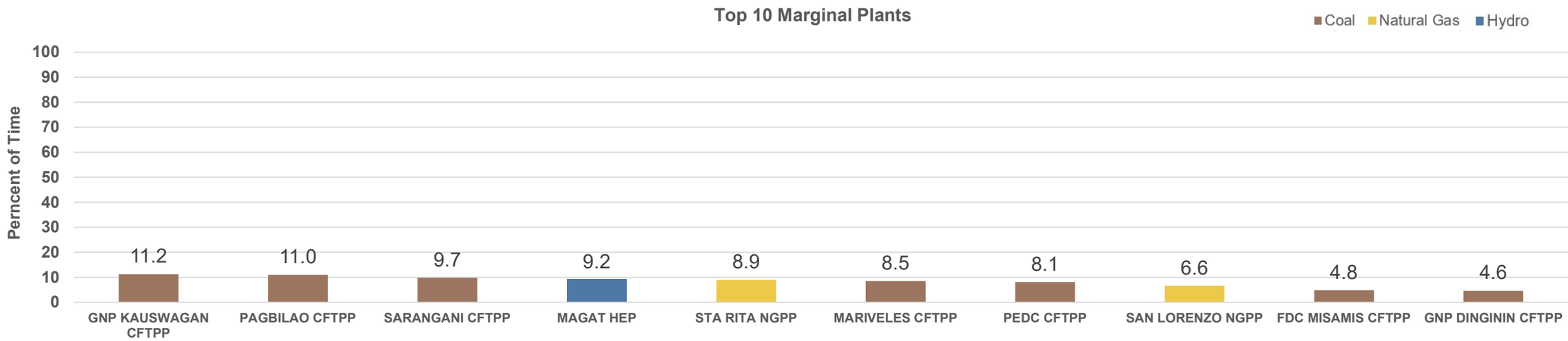


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MARKET OUTCOME
STRUCTURAL COMPETITION
26 October - 25 November 2025

Philippine Electricity Market Corporation





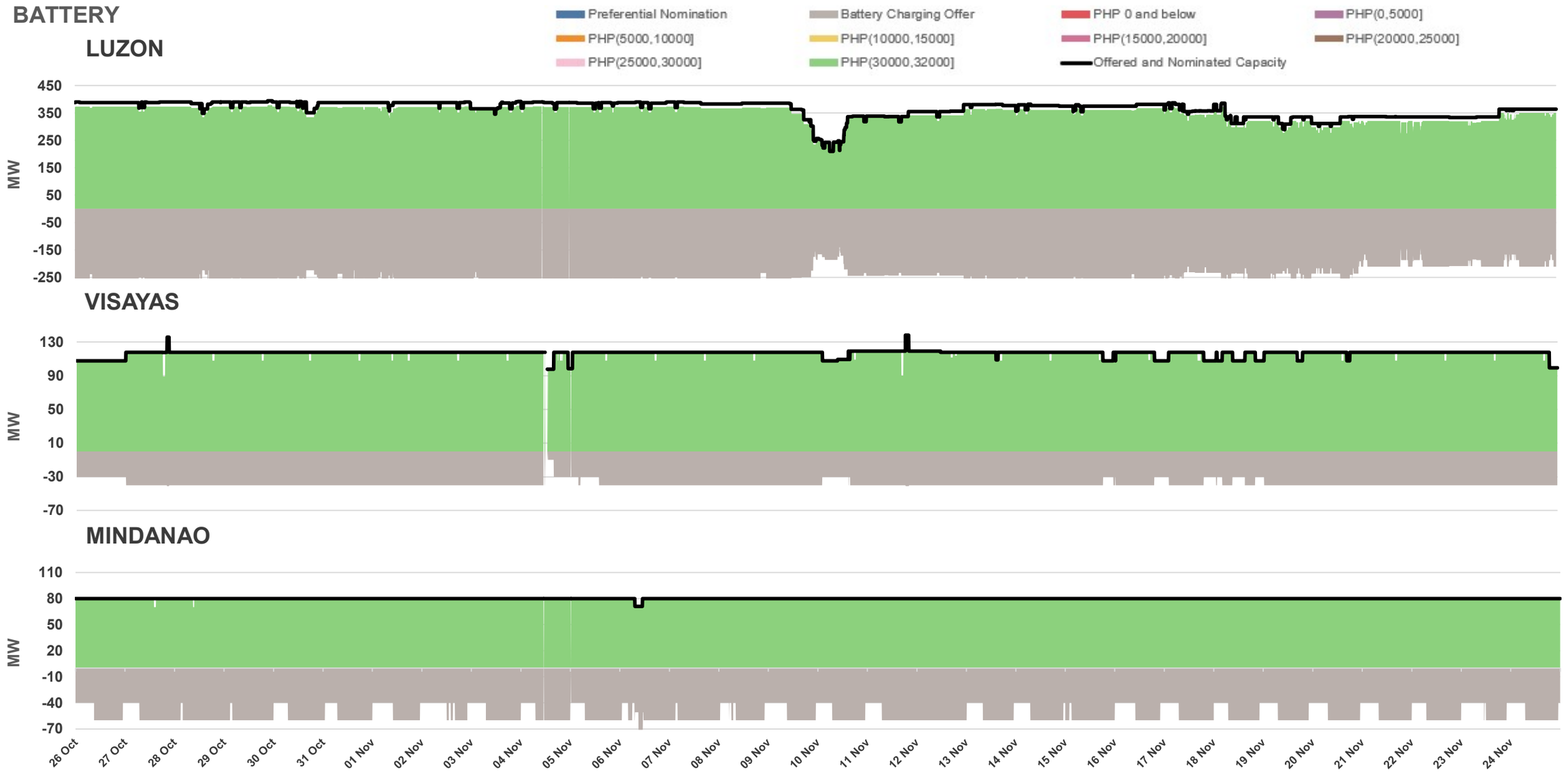
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MARKET OUTCOME
OFFERS

26 October - 25 November 2025

Philippine Electricity Market Corporation

BATTERY

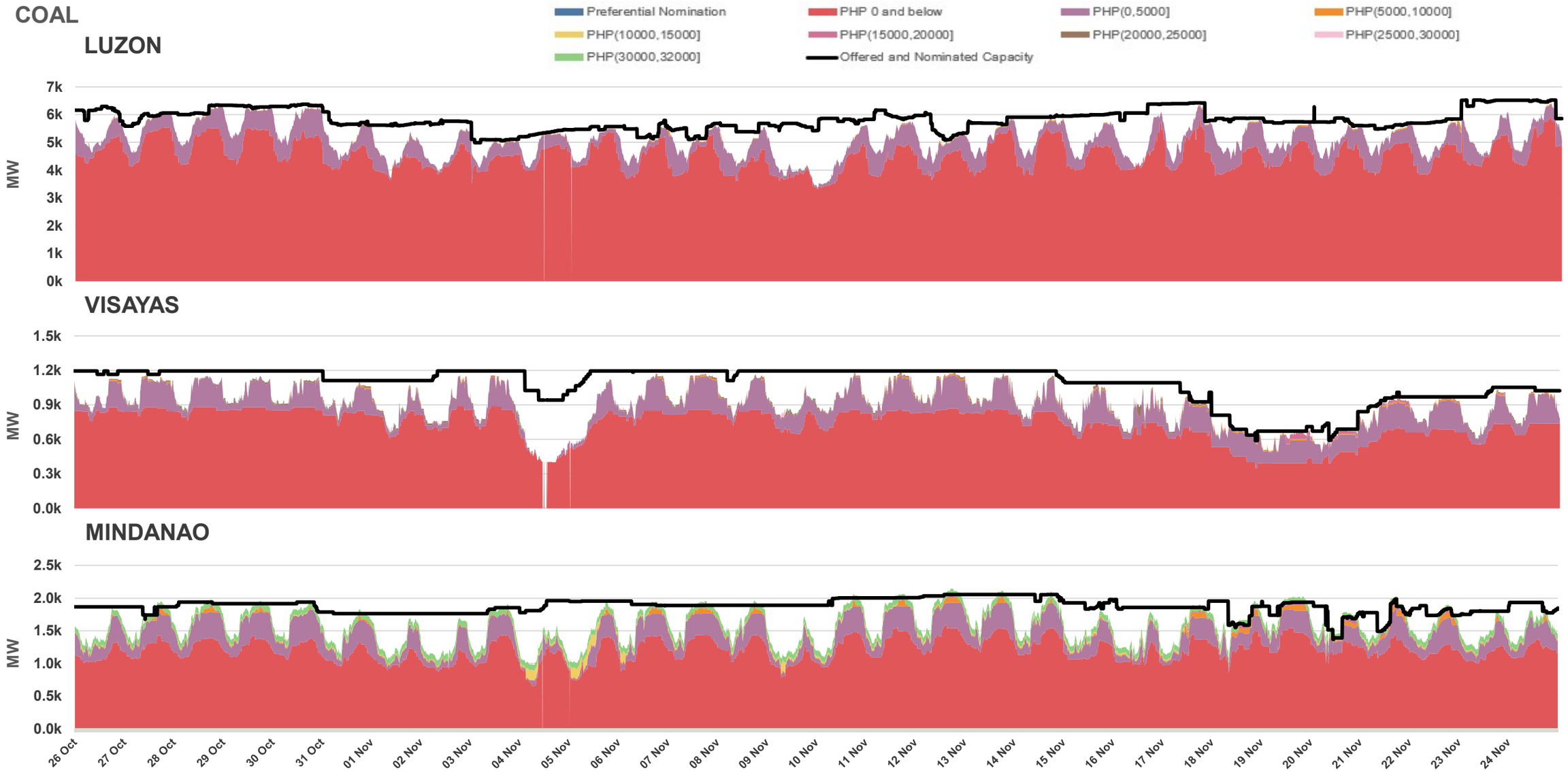


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MARKET OUTCOME
OFFERS
26 October - 25 November 2025

Philippine Electricity Market Corporation

COAL

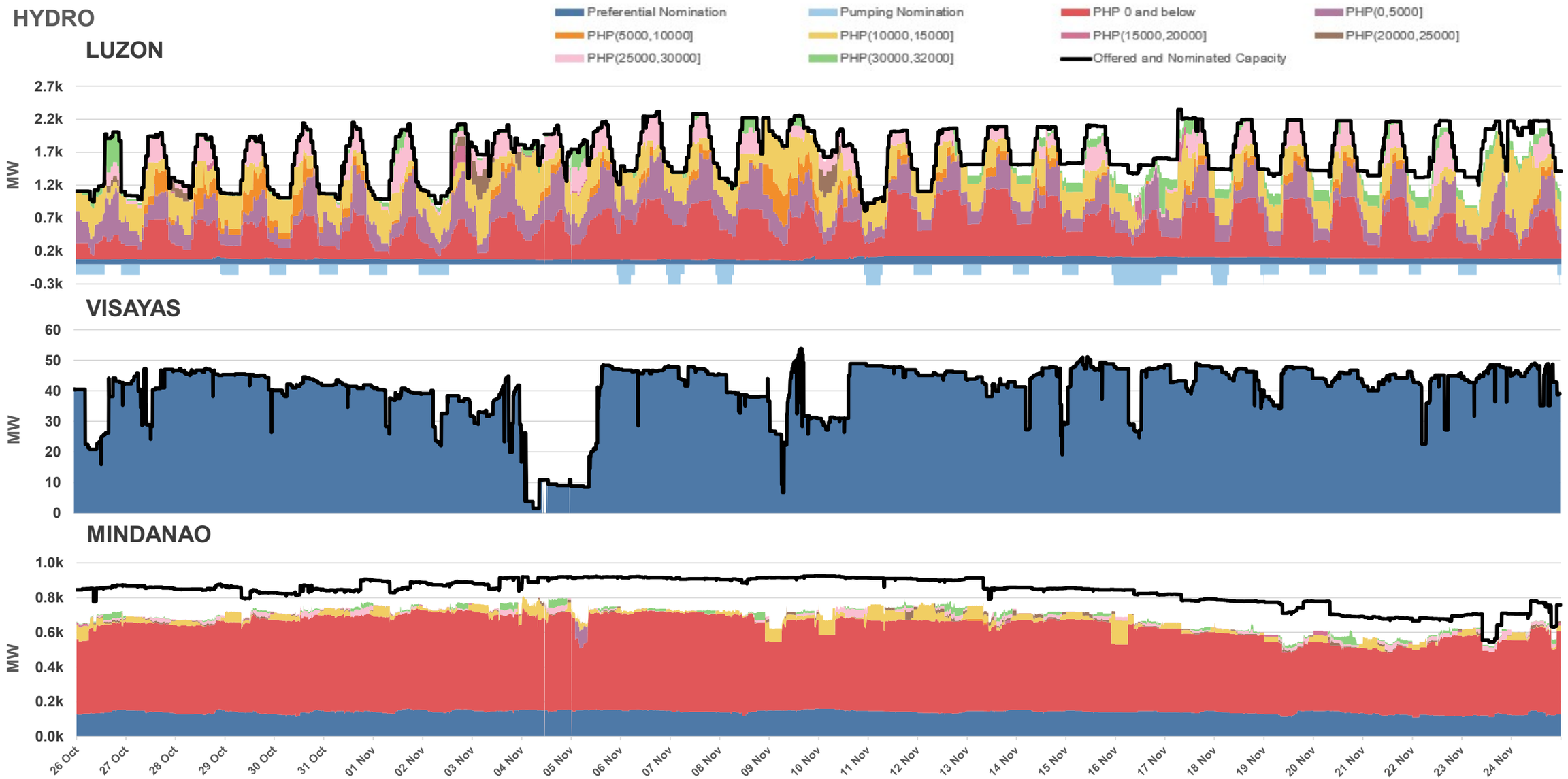


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MARKET OUTCOME
OFFERS
26 October - 25 November 2025

Philippine Electricity Market Corporation

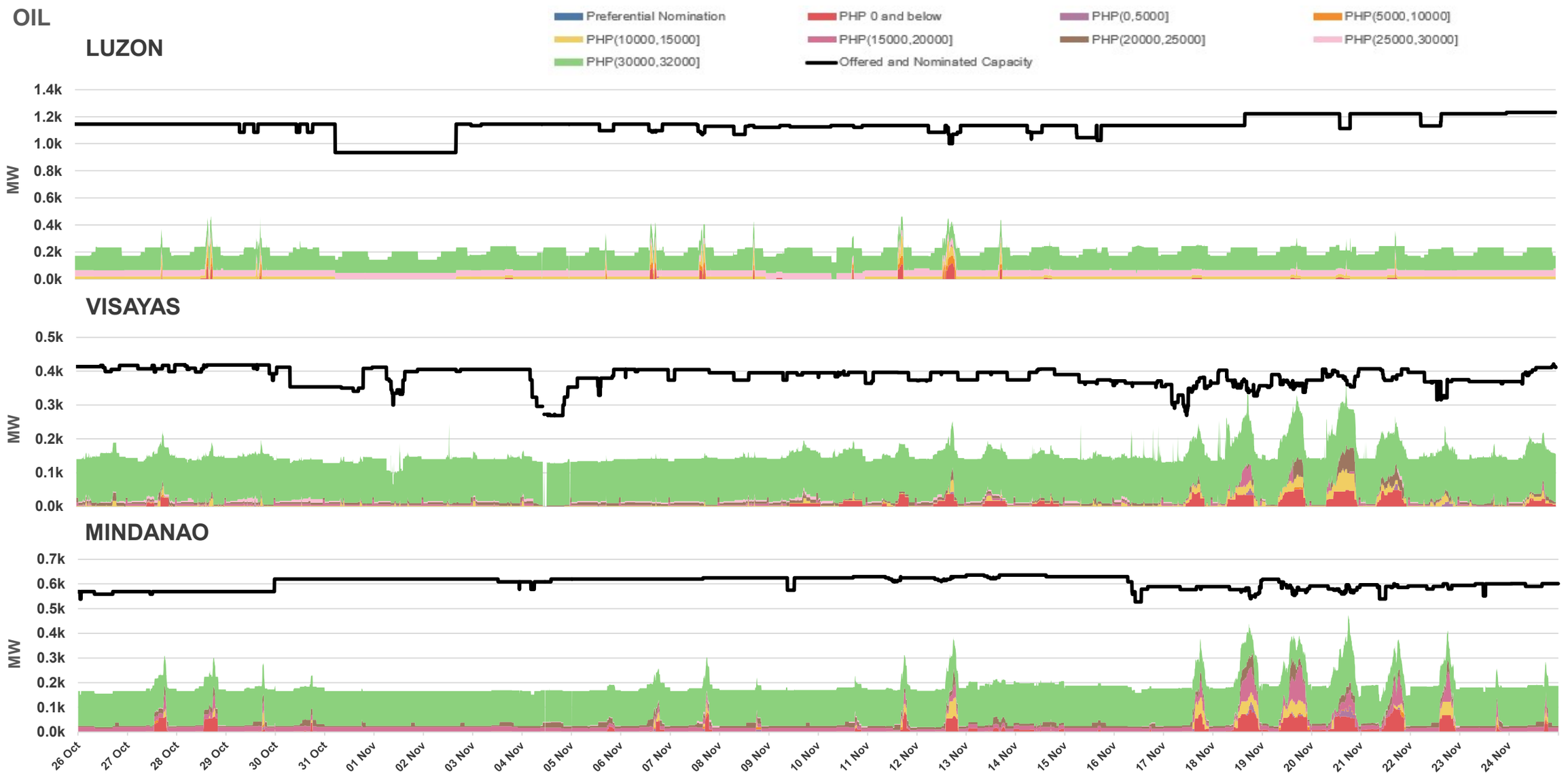
HYDRO



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MARKET OUTCOME
OFFERS
26 October - 25 November 2025

Philippine Electricity Market Corporation



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RESERVE MARKET

AT A GLANCE

26 October - 25 November 2025

Reserve Total Registered Capacity (in MW)

5,443.00

18.17% of the total Registered Capacity

Previous Month: 5,371.80

1.33% ▲

		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	3,559.80	6,666.96	498.00	16,636.69	718.08	22,803.06
	Down		5,571.77		17,698.35		21,468.47
Contingency		3,169.70	1,856.97	526.00	6,043.55	848.48	2,077.27
Dispatchable		2,619.00	1,168.50	385.00	5,633.16	569.90	67.23

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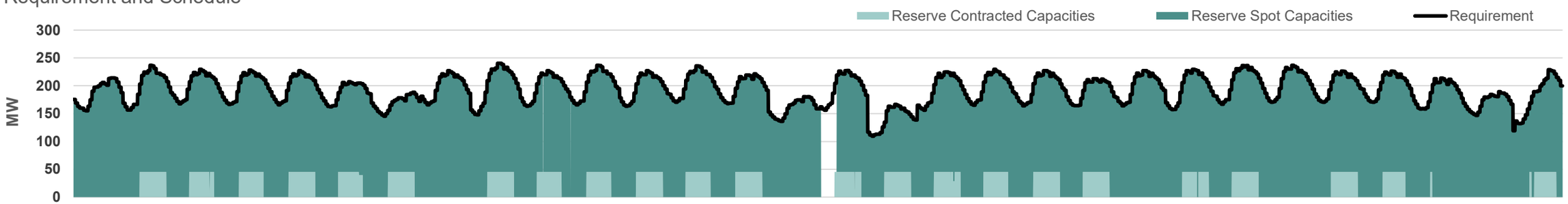
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

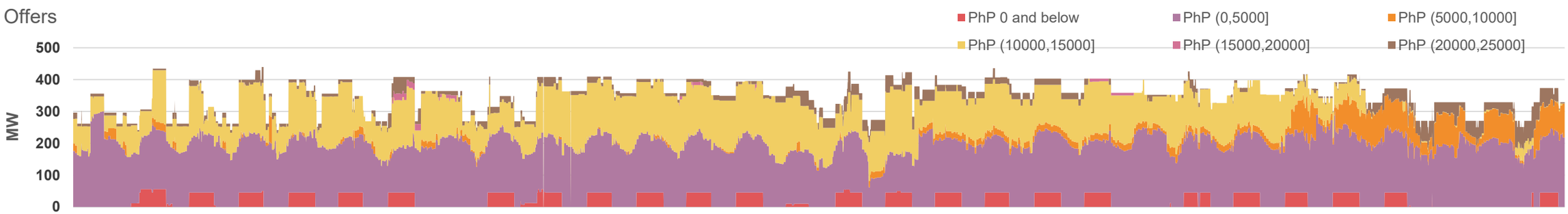
Philippine Electricity Market Corporation

LUZON - REGULATING UP

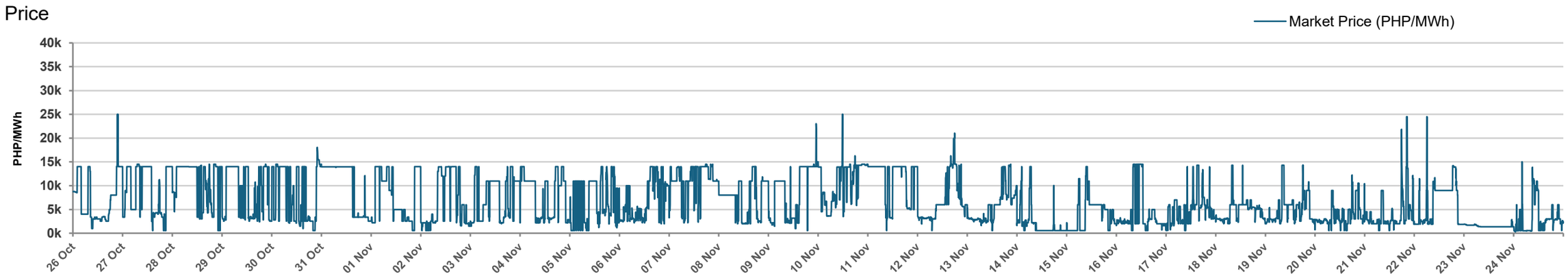
Requirement and Schedule



Offers



Price



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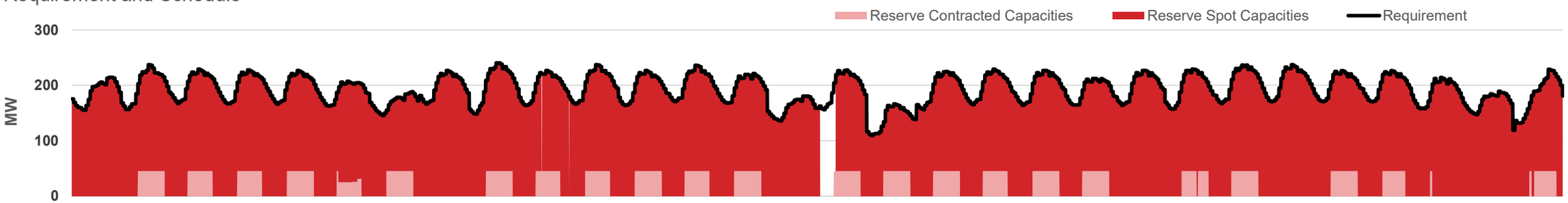
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

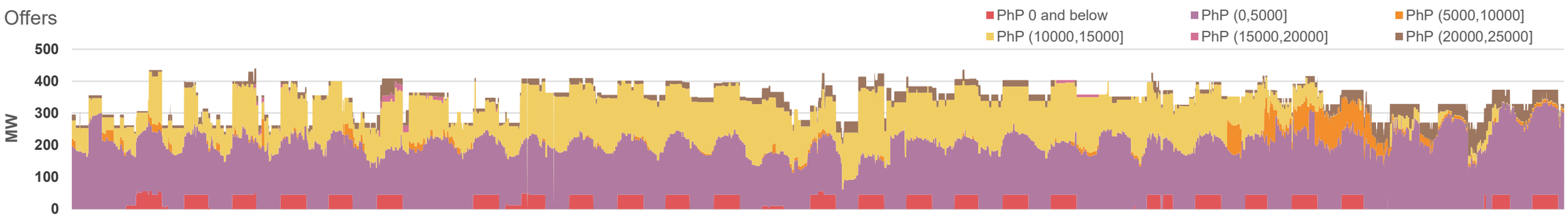
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

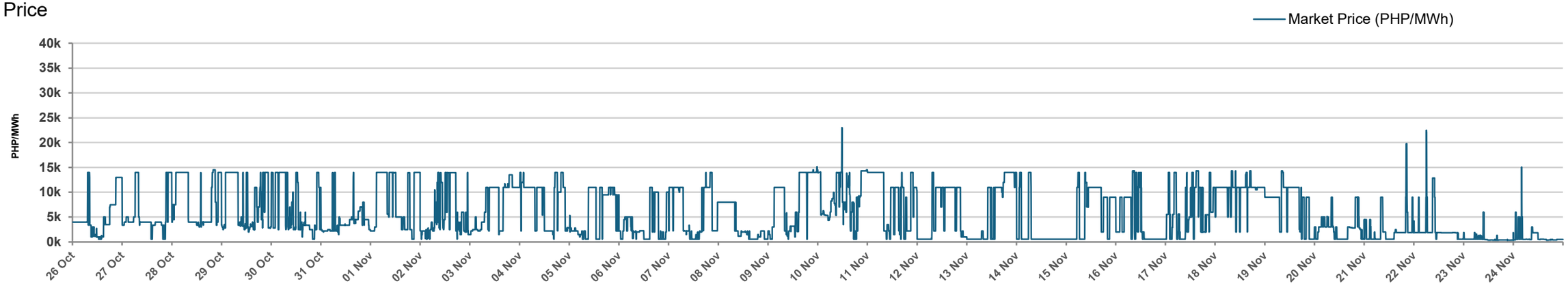
Requirement and Schedule



Offers



Price



PUBLIC

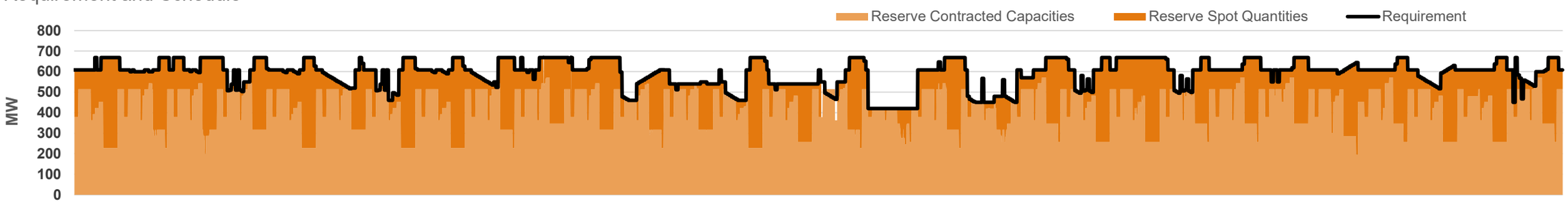
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

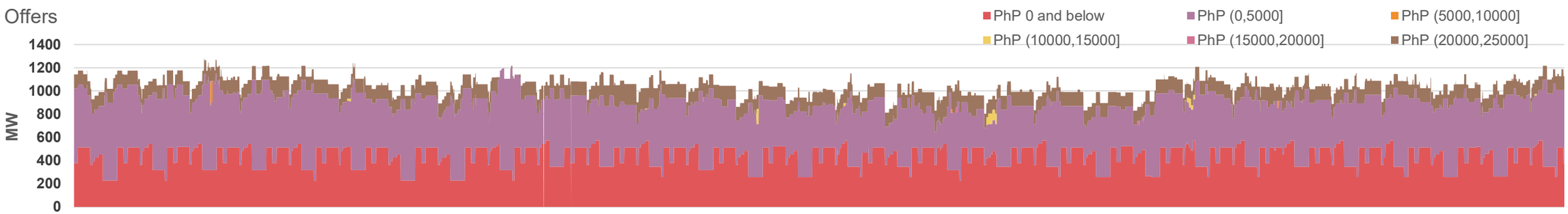
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

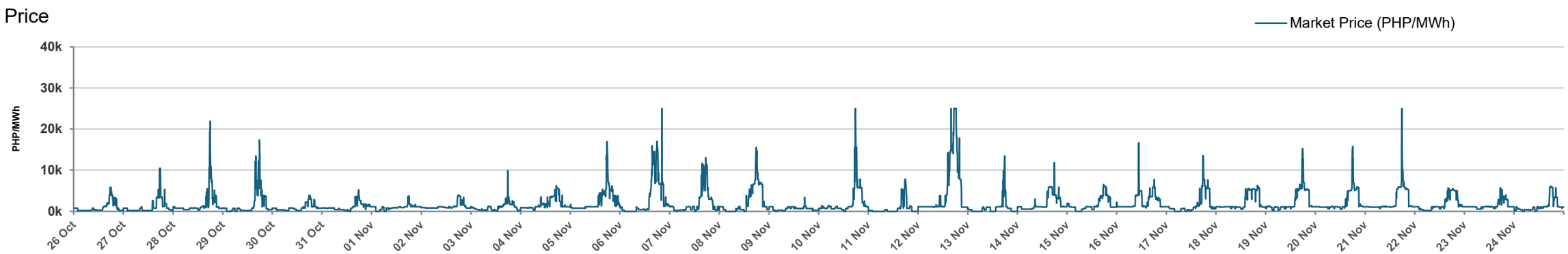
Requirement and Schedule



Offers



Price



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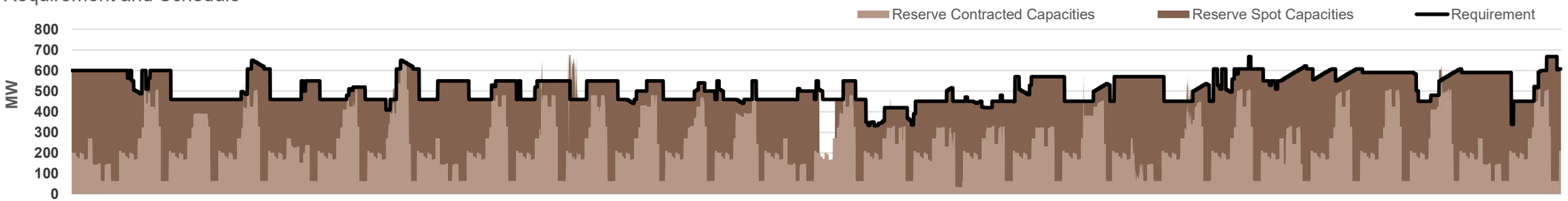
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

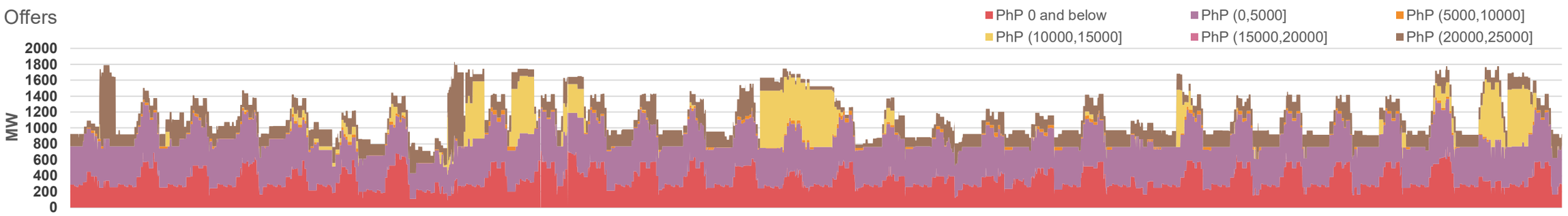
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

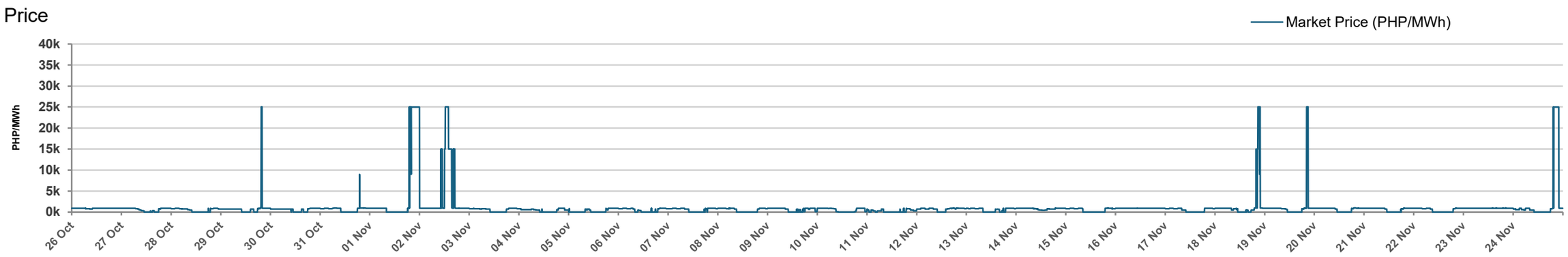
Requirement and Schedule



Offers



Price



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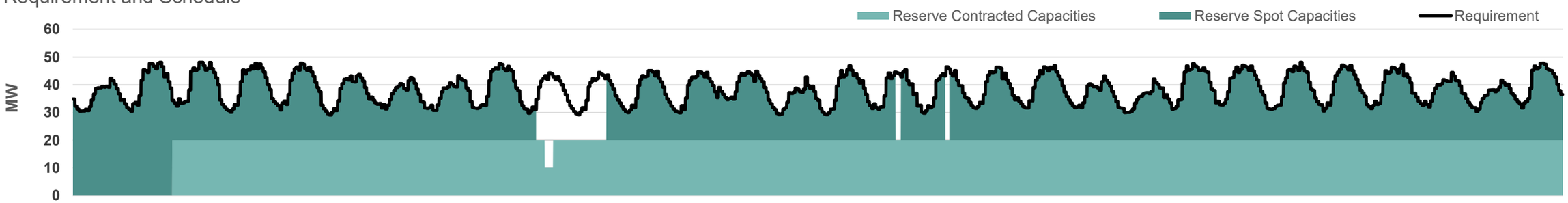
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

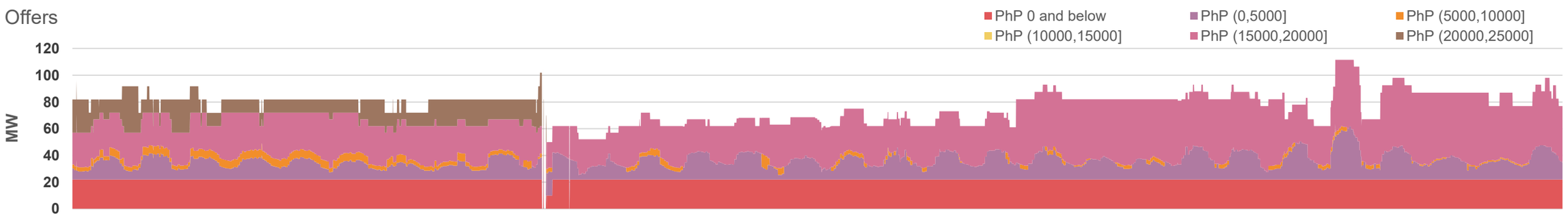
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

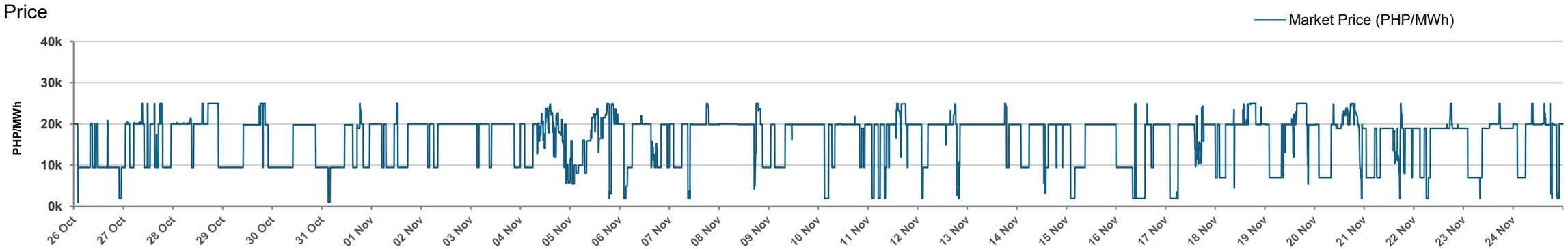
Requirement and Schedule



Offers



Price



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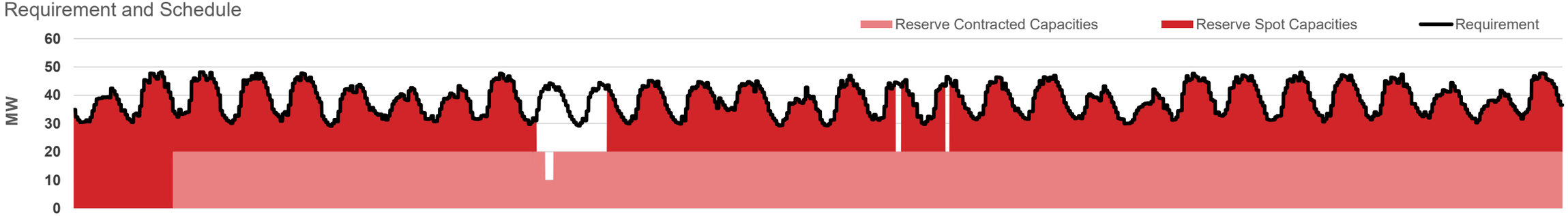
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

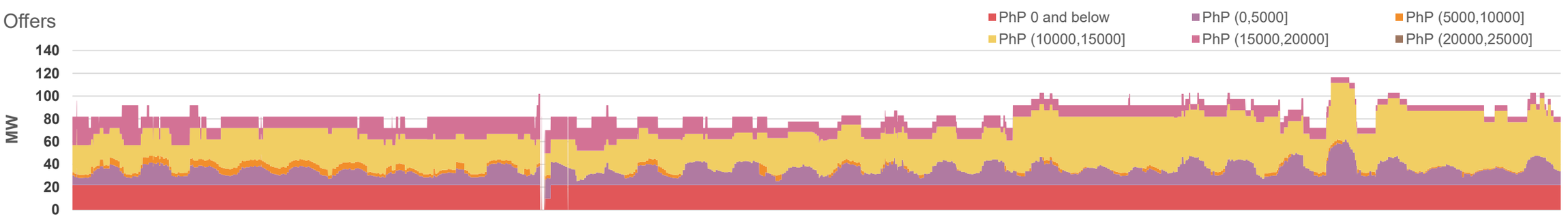
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

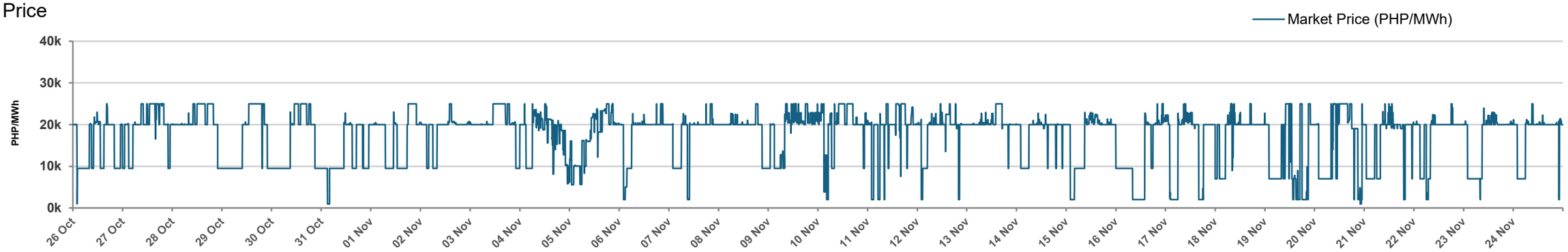
Requirement and Schedule



Offers



Price



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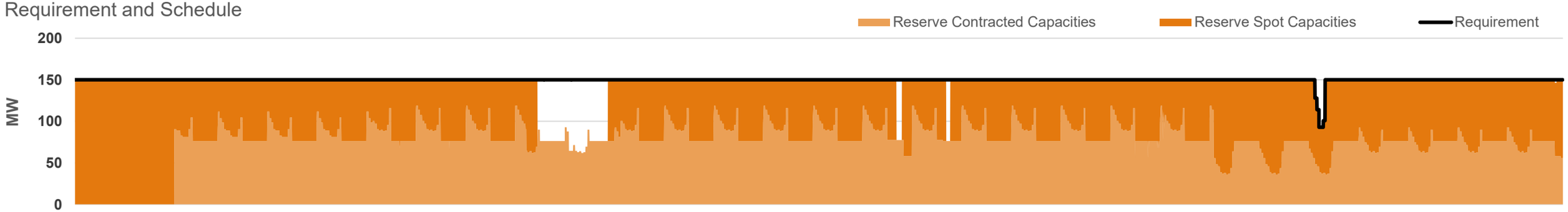
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

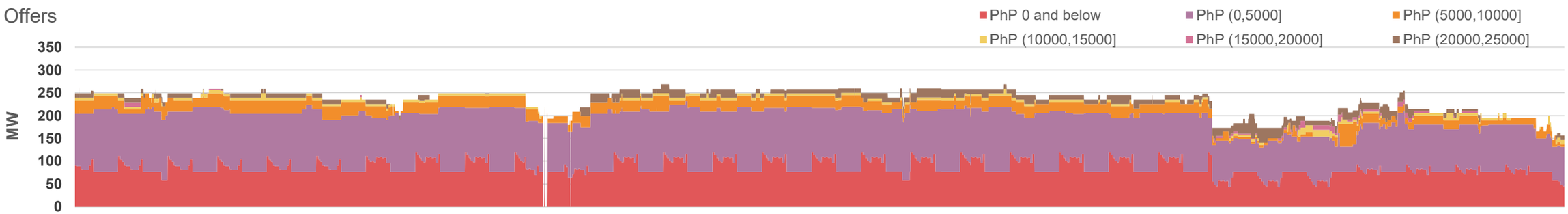
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

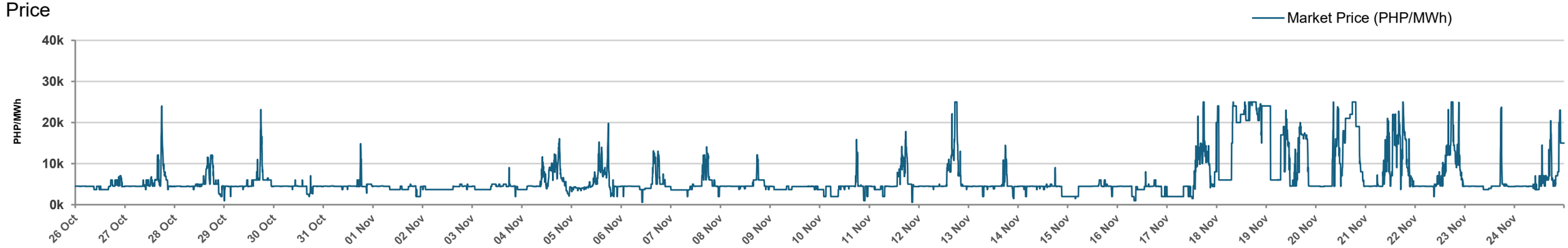
Requirement and Schedule



Offers



Price



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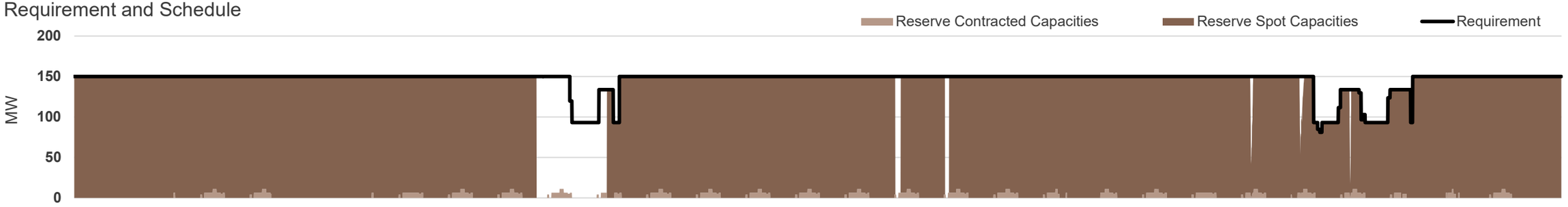
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

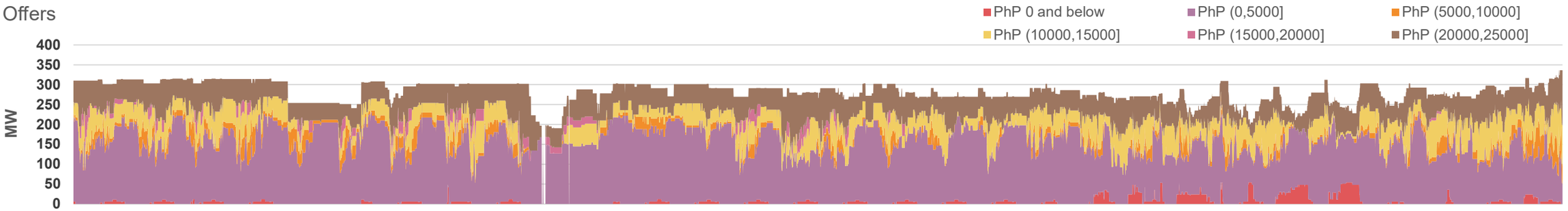
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

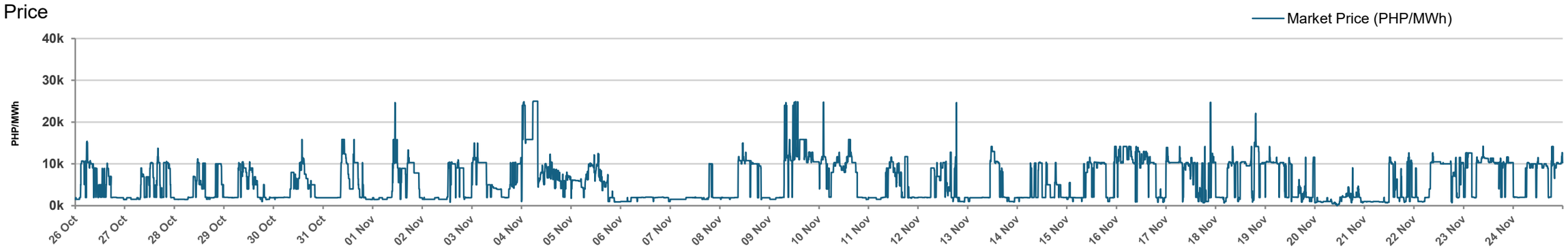
Requirement and Schedule



Offers



Price



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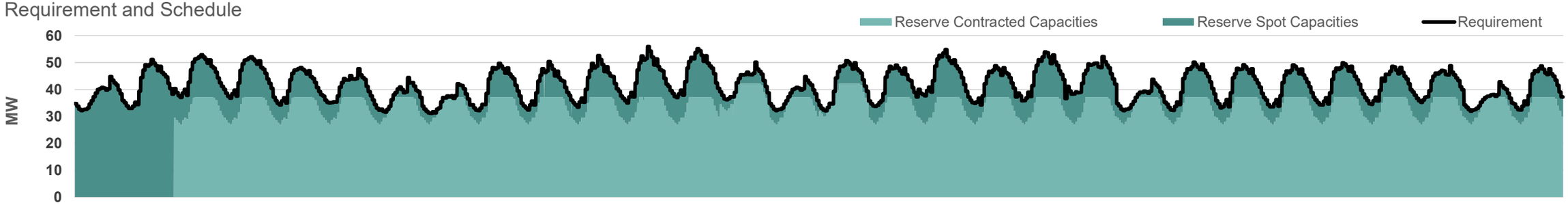
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

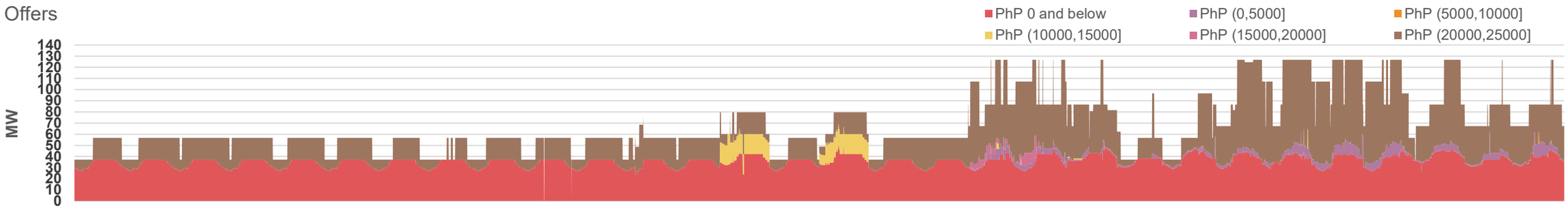
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

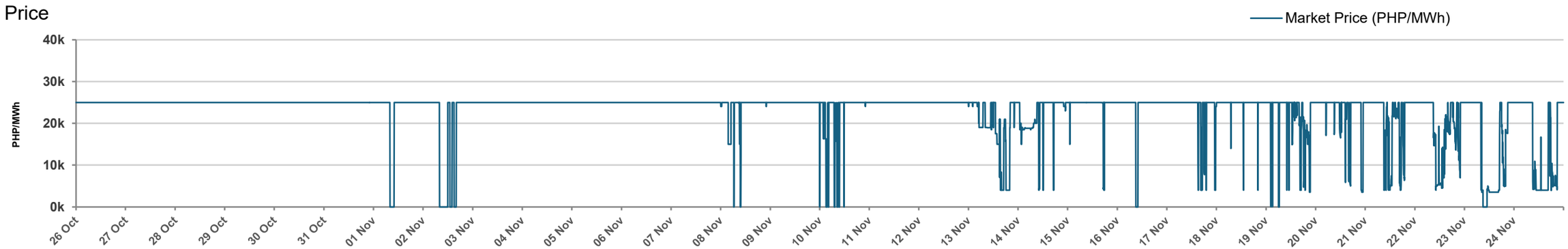
Requirement and Schedule



Offers



Price



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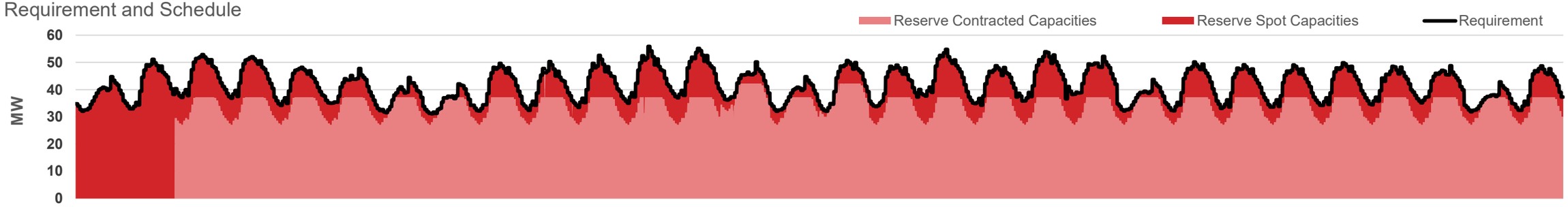
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

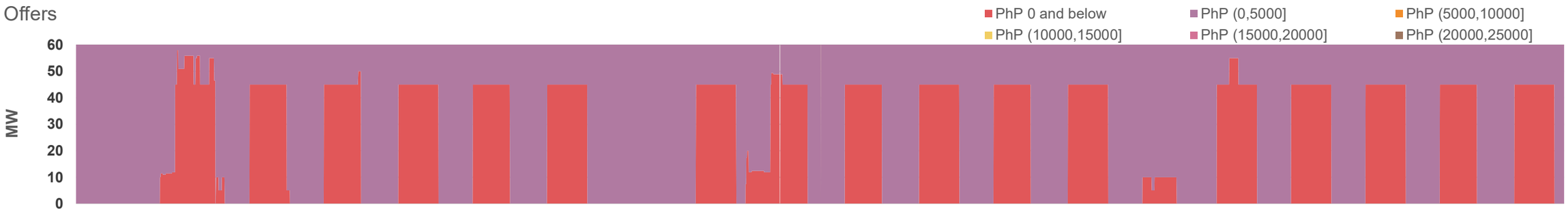
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

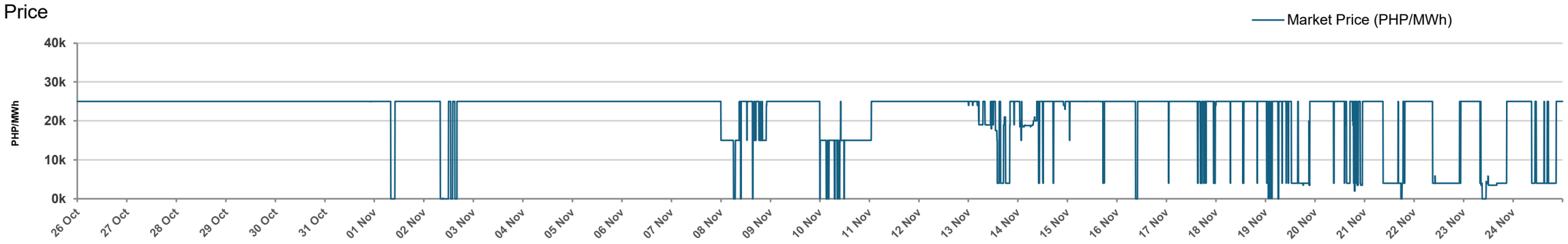
Requirement and Schedule



Offers



Price



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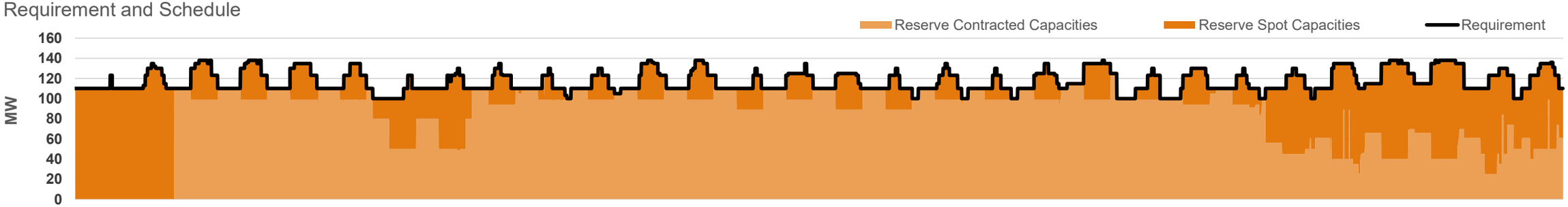
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

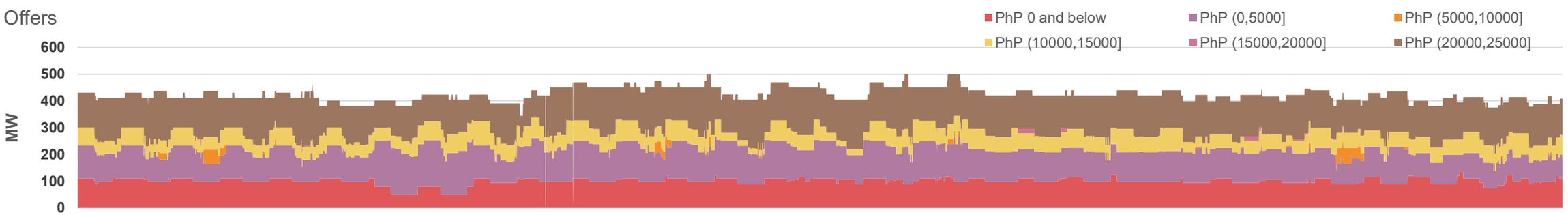
Philippine Electricity Market Corporation

MINDANAO - CONTINGENCY

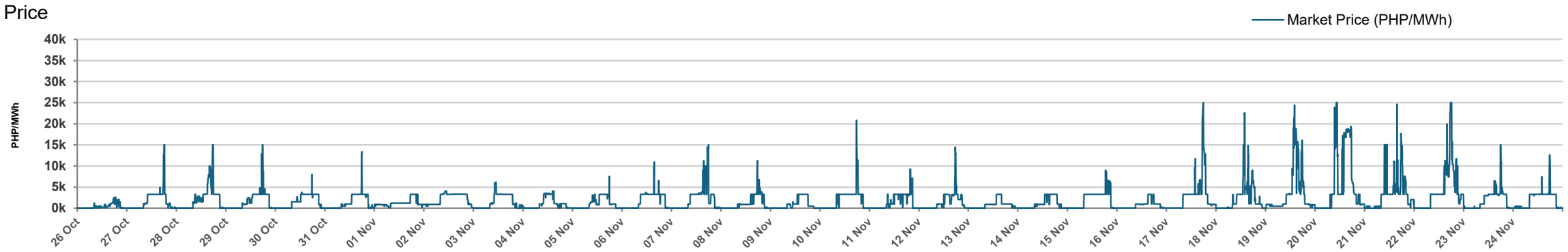
Requirement and Schedule



Offers



Price



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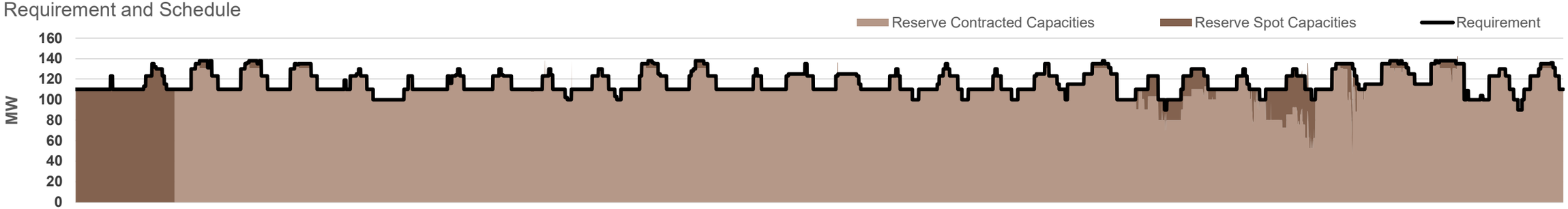
MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 2025

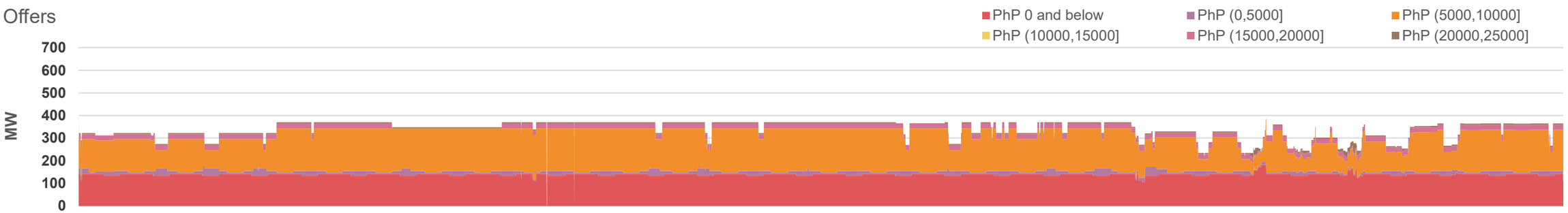
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

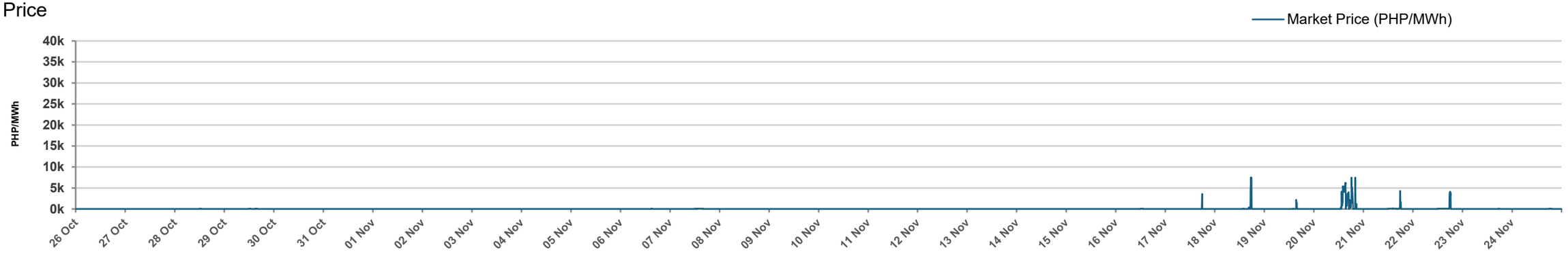
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET

26 October - 25 November 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	18.22	9%	174.25	91%	156.00	186.50	91	1%	61.90%▲	350.00	25,000.00	6,666.96	12.98%▼
Visayas	18.66	50%	18.89	50%	0.05	34.30	1,019	11%	9.94%▼	990.00	25,000.00	16,636.69	1.05%▲
Mindanao	31.77	76%	10.02	24%	0.01	0.37	4,056	45%	11.03%▼	0.00	25,000.00	22,803.06	7.58%▼
Regulating Down													
Luzon	17.99	9%	174.48	91%	14.80	186.50	92	1%	128.89%▲	350.00	22,999.00	5,571.77	21.28%▼
Visayas	18.65	50%	18.89	50%	0.05	34.30	1,611	18%	22.71%▼	990.00	25,000.00	17,698.35	2.35%▼
Mindanao	31.77	76%	10.02	24%	0.01	0.37	4,080	46%	10.53%▼	0.00	25,000.00	21,468.47	12.99%▼
Contingency													
Luzon	424.14	71%	170.90	29%	0.10	172.00	139	2%	218.37%▲	0.00	25,000.00	1,856.97	37.04%▼
Visayas	75.66	52%	69.38	48%	0.10	88.00	488	5%	29.62%▲	600.00	25,000.00	6,043.55	0.26%▼
Mindanao	81.58	70%	35.66	30%	0.10	0.10	1	0%	93.33%▼	0.00	25,000.00	2,077.27	8.60%▲
Dispatchable													
Luzon	233.78	45%	284.47	55%	0.10	319.00	122	1%	71.25%▲	0.00	25,000.00	1,168.50	61.25%▼
Visayas	2.27	2%	135.84	98%	0.01	150.00	1,714	19%	32.60%▲	13.00	25,000.00	5,633.16	14.07%▼
Mindanao	105.73	91%	11.04	9%	0.10	47.50	466	5%	18.64%▲	0.00	7,500.00	67.23	77.95%▼

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ANNEX
OUTAGE SUMMARY
26 October - 25 November 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
BAT	01MAGAPIT_BAT	40	11/6/2025 4:50			Forced	Affected by the shutdown of Tuguegarao-Magapit 69kV Line.
BAT	01MAGAPIT_BAT	40	11/6/2025 17:00			Forced	Still unavailable due to SCADA communication problem with DS 5DS03(5XF02MGB).
BAT	01MAGAT_BAT	24	11/9/2025 21:35			Forced	Affected by Typhoon UWAN.
BAT	03LUMBAN_BAT	50	11/18/2025 8:06	11/23/2025 20:00	5	Forced	Affected by the shutdown of Lumban-Lumban BESS 69kV Line.Until November 23 2025.
BIOF	01BT2020_G01	11	10/31/2025 0:10			Forced	Emergency shutdown due to boiler tube leak.
BIOF	01GIFT_G01	12	10/26/2025 22:58	10/27/2025 22:24	1	Maintenance	Preventive.maintenance in Steam Turbine generator and auxiliaries.
BIOF	01GIFT_G02	6	11/9/2025 18:27	11/13/2025 5:58	3	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01GIFT_G02	6	11/3/2025 20:08	11/4/2025 21:56	1	Maintenance	Maintenance Outage
BIOF	01GRGOLD_G01	10.8	11/9/2025 20:15	11/11/2025 7:01	1	Forced	Affected by the passage of TC Uwan.
BIOF	01IBEC_G01	18	10/16/2025 0:00			Planned	Planned outage
BIOF	01IBEC_G01	18	11/10/2025 4:15	11/11/2025 13:00	1	Forced	Affected by the tripping of Santiago-Cawayan 69kV Line
BIOF	01IPOWER_G02	10.8	11/9/2025 18:27	11/10/2025 22:17	1	Forced	Affected by the outage of Cabanatuan - Fatima 69kV Line
BIOF	01IPOWER_G02	10.8	11/20/2025 9:35	11/24/2025 9:05	4	Forced	E S due to electrostatic precipitator problem.
BIOF	01VSGRIP_G01	5.4	10/26/2025 2:30	10/28/2025 6:06	2	Forced	Tripped due to boiler problem.
BIOF	01VSGRIP_G01	5.4	11/3/2025 8:30	11/6/2025 10:01	3	Forced	Emergency shutdown due to boiler tube leak
BIOF	01VSGRIP_G01	5.4	11/8/2025 17:40	11/11/2025 8:02	3	Forced	Boiler tube leak.
BIOF	01VSGRIP_G01	5.4	11/15/2025 11:32	11/19/2025 8:01	4	Forced	Emergency shutdown due to system abnormality.
BIOF	01VSGRIP_G01	5.4	11/19/2025 11:14			Forced	Emergency shutdown due to boiler water wall leak.
BIOF	03BBEC_G01	5	11/9/2025 4:06	11/12/2025 19:38	4	Forced	Affected by the outage of Naga - Lagonoy 69kV line
COAL	01GNPD_U01	668	10/23/2025 13:18	10/27/2025 3:39	4	Forced	Emergency shutdown due to steam leak at HP turbine.
COAL	01MPGC_U03	133	11/12/2025 12:33	11/17/2025 10:17	5	Forced	E S for Boiler tube leak repair and assesement.
COAL	01MPGC_U03	133	11/19/2025 0:07	11/20/2025 9:44	1	Forced	Emergency shutdown due to severe leak at main feed water bypass valve.
COAL	01MPGC_U03	133	11/20/2025 17:16	11/22/2025 6:58	2	Forced	Main feedwater control valve bypass trouble.
COAL	01MSINLO_G02	322.7	11/2/2025 23:41	11/5/2025 8:50	2	Forced	The unit tripped. Cause of outage is being determined
COAL	01MSINLO_G03	307.2	11/25/2025 10:07			Forced	Tripped due to boiler pressure high-high.
COAL	01PETRON_G01	35	11/25/2025 7:31			Planned	APM until Dec 24 2025 2000H.
COAL	01PETRON_G01	35	10/29/2025 7:51			Planned	Annual Preventive Maintenance.
COAL	01SUAL_G01	600	10/30/2025 23:40			Planned	Planned outage until November 26 2025.

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ANNEX
OUTAGE SUMMARY
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Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
COAL	03CALACA_G01	250	10/7/2025 0:00			Planned	Planned outage until December 15 2025.
COAL	03PAGBIL_G02	382	10/3/2025 23:49	10/29/2025 23:59	26	Planned	Planned Outage until October 29 2025.
COAL	03PAGBIL_G02	382	10/30/2025 0:00	11/5/2025 15:42	7	Forced	Extended Outage
COAL	03PAGBIL_G02	382	11/6/2025 23:36	11/7/2025 19:40	1	Forced	Emergency shutdown due to Boiler Circulating Pump-B trouble.
COAL	03PAGBIL_G02	382	11/8/2025 0:29			Forced	Emergency shutdown due to boiler header leak.
COAL	03PAGBIL_G03	420	10/31/2025 21:32			Forced	Manually tripped due to fire at tripper area coal dust collector(RECLASSIFIED FROM FORCE OMC OUTAGE)
COAL	03SBPL_G01	455	10/27/2025 0:00	11/25/2025 7:06	29	Planned	Planned Outage ntil November 25 2025..
COAL	03SLPGC_G02	149.6	10/31/2025 6:56	11/1/2025 7:30	1	Forced	To facilitate de-clogging of coal feeder.
COAL	03SLTEC_G01	122	11/11/2025 20:22	11/15/2025 2:21	3	Forced	Emergency shutdown due to boiler tube leak.
GEO	03BACMAN_U02	60	11/8/2025 19:17	11/11/2025 14:23	3	Forced	Preemptive due to passage of TC Uwan.
GEO	03BACMAN_U03	20	11/9/2025 12:30	11/11/2025 6:48	2	Forced	Switchyard trouble
GEO	03MKBN_A	57	11/18/2025 6:04	11/19/2025 5:39	1	Planned	Planned Outage
GEO	03MKBN_E	20	11/16/2025 6:01			Maintenance	Maintenence outage until November 17 2025.
GEO	03ORMAT_G01	1.67	11/9/2025 15:11	11/10/2025 15:36	1	Forced	Emergency shutdown to check governor controller.
GEO	03ORMAT_G01	1.33	11/11/2025 3:46			Forced	Maintenance outage until November 15 2025.
GEO	03ORMAT_G01	1.33	11/15/2025 2:22			Forced	Low low Brine out temperature.
GEO	03PALAYAN_G01	24	11/8/2025 19:11	11/10/2025 21:34	2	Forced	Preemptive due to passage of TC Uwan.(RECLASSIFIED FROM FORCE OMC OUTAGE)
GEO	03TANAWON_G01	20.6	11/9/2025 17:12	11/11/2025 21:12	2	Forced	Unit shutdown after meeting the maximum time for house load during th passage of Ttyphoon UWAN .
GEO	03TANAWON_G01	20.6	11/22/2025 5:00	11/23/2025 17:47	2	Forced	Emergency shutdown to conduct rectification of burnt power cable ang grounding conductor on generator transformer
GEO	03TGPP_G01	9.7	8/8/2025 7:44			Forced	Shutdown due to low brine flow.
GEO	03TIWI_A	60	11/9/2025 10:30	11/10/2025 21:35	1	Forced	House load operation. Preemptive due to passage of Typhoon Uwan.
GEO	03TIWI_C	57	11/9/2025 10:14	11/12/2025 13:45	3	Forced	House load operation. Preemptive due to passage of TC Uwan.
GEO	03TIWI_C	56.8	11/9/2025 12:13	11/11/2025 19:57	2	Forced	Affected by passage of Typhoon Uwan .
HYD	01ANGAT_A U1	8.85	11/17/2025 8:02			Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A U2	8.9	11/17/2025 8:02			Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A U3	8.85	11/17/2025 8:02			Planned	Total Plant Outage until December 31 2025

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ANNEX
OUTAGE SUMMARY
26 October - 25 November 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
HYD	01ANGAT_A U5	18	11/17/2025 8:02			Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_M	49.7	10/6/2025 8:00			Planned	Planned outage until December 31 2025
HYD	01ANGAT_M	50	11/17/2025 7:51			Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_M	49.8	11/17/2025 7:51			Planned	Total Plant Outage until December 31 2025
HYD	01BAKSIP_G01	12.4	11/9/2025 22:01			Forced	Affected by the tripping of La Trinidad-Lepanto 69kV Line due to passage of TC Uwan.
HYD	01MAGAT_U02	97	11/10/2025 16:17	11/16/2025 18:00	6	Forced	Declared unavailable due to turbine guide high temperature.
HYD	01MARIS_U01	4.3	11/9/2025 18:58	11/10/2025 18:10	1	Forced	Affected by the tripping of Santiago - Alicia 69kV Line
HYD	01MARIS_U02	4.3	11/9/2025 18:58	11/10/2025 18:10	1	Forced	Affected by the tripping of Santiago - Alicia 69kV Line
HYD	01MASIWA_G01	12	10/21/2025 0:12	11/2/2025 15:35	13	Planned	Planned outage until November 2 2025.
HYD	01MATUNO_G01	8.7	9/2/2025 22:06			Forced	Tripped due to clogged trash rack.
HYD	01SABANG_G01	14.2	11/9/2025 22:14	11/14/2025 23:50	5	Forced	Affected by La Trinidad-Sagada 69kV Line tripping due to passage of TC Uwan.
HYD	01SABANG_G01	14.2	11/15/2025 14:38	11/16/2025 19:04	1	Forced	Affected by the tripping of La Trinidad-Sagada 69kV line.
HYD	01SMBELL_G01	1.8	11/9/2025 19:18			Forced	Tripped due to Typhoon Uwan
HYD	03BALUG_G01	1.1	11/19/2025 18:53	11/20/2025 18:54	1	Forced	Operation interruption due to fuse down to the Meralco pole.
HYD	03BOTOCA_G01	11.2	11/10/2025 8:00	11/14/2025 19:41	4	Maintenance	Maintenance outage until November 15 2025.
HYD	03BOTOCA_G01	11	11/10/2025 8:00	11/14/2025 19:41	4	Maintenance	Maintenance outage until November 15 2025.
HYD	03INARI_G01	1.6	11/9/2025 5:30	11/14/2025 21:17	6	Forced	Tripped due to unbalance load.
HYD	03KAL_G02	181	11/11/2025 0:00	11/15/2025 18:30	5	Planned	Semi Annual PM. Until Nov 15 2025.
HYD	03LWERLAB_G01	1.4	11/9/2025 13:11	11/10/2025 14:02	1	Forced	Affected by the tripping of 69kV line.
NATG	03AVION_U02	45.8	11/8/2025 5:01	11/13/2025 22:10	6	Forced	Declared unavailable due to gas turbine compressor problem.
NATG	03EERI_G01	420.6	10/6/2025 23:59			Forced	Extended Planned Outage(GOMP).
NATG	03ILIJAN_G02	190	11/9/2025 12:59	11/11/2025 16:38	2	Forced	Preemptive due to passage of Typhoon Uwan.
NATG	03ILIJAN_G02	190	11/9/2025 12:32	11/11/2025 12:08	2	Forced	Preemptive due to passage of Typhoon Uwan.
NATG	03ILIJAN_G02	220	11/9/2025 12:47	11/11/2025 13:21	2	Forced	Preemptive due to passage of Typhoon Uwan.
NATG	03STA-RI_G01	263	9/3/2025 23:53			Planned	Planned outage until Oct 24 2025.
NATG	03STA-RI_G01	263	10/25/2025 0:00	10/31/2025 8:35	6	Forced	Extended outage
NATG	03STA-RI_G01	263	10/31/2025 11:38	11/2/2025 22:54	2	Forced	Extended Outage(Under commissioning after major shutdown)
NATG	03STA-RI_G01	263	11/3/2025 12:15	11/4/2025 15:16	1	Forced	On-going testing and commissioning.
NATG	03STA-RI_G04	263	11/5/2025 2:01			Planned	Planned Outage until December 24 2025.

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ANNEX
OUTAGE SUMMARY
26 October - 25 November 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Luzon							
OIL	01BAUANG_GS1	70	10/31/2025 6:31	11/2/2025 17:07	2	Maintenance	Annual PMS
OIL	01BAUANG_GS2	70	10/31/2025 6:31	11/2/2025 17:07	2	Maintenance	Annual PMS
OIL	01BAUANG_GS3	70	10/31/2025 6:31	11/2/2025 17:07	2	Maintenance	Annual PMS
OIL	01LIMAY_U04	87	10/20/2025 0:00	11/18/2025 16:19	30	Planned	Planned Outage until November 18 2025.
OIL	03MALAYA_G01	300	5/3/2019 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	7/24/2024 21:24			Forced	Tripped due to loss prime of CWP
SOLR	01BTNSOL_G01	4.8	11/9/2025 22:40			Forced	Affected by Panelco 13.8kV line tripping due to passage of TC Uwan.
SOLR	01BURGOS_G02	3.4	10/15/2025 17:17			Maintenance	Preventive Maintenance
SOLR	01RASLAG_G03	13.4	11/21/2025 13:51			Forced	Affected by the tripping of Mexico-Angeles 69kV line 2.
SOLR	03CLABSOL_G01	50	11/9/2025 4:11	11/12/2025 16:34	4	Forced	Affected by Naga-Tinanbac 69kV Line tripping due to passsage of TC Uwan.
WIND	01BALWIND_G01	22.4	11/9/2025 17:20	11/12/2025 15:11	3	Forced	Affected by the passage of TC Uwan
WIND	01CAPRIS_G02	50	11/9/2025 10:10	11/12/2025 14:21	3	Forced	Preemptive due passage of TC Uwan.
WIND	01NWIND_G01	32.4	11/12/2025 3:52	11/15/2025 21:59	4	Forced	Affected by the tripping of Laoag - BWF 69kV Line
WIND	01NWIND_G02	18.8	11/12/2025 3:52	11/15/2025 21:59	4	Forced	Affected by the tripping of Laoag - BWF 69kV Line
Visayas							
BIOF	06BISCOM_G01	12.7	11/4/2025 4:56	11/11/2025 5:31	7	Forced	Isolated from the grid due to over under frequency relay activation.
BIOF	06BISCOM_G01	12.7	11/11/2025 5:54	11/13/2025 16:55	2	Forced	To conduct inspection of connection asset.
BIOF	06CABI_G01	12	10/24/2025 15:09	11/17/2025 11:59	24	Forced	End of test run.
BIOF	06FFHC_G01	9	11/2/2025 9:46	11/6/2025 8:29	4	Forced	Shutdown to conduct weekly maintenance.
BIOF	06FFHC_G01	9	11/17/2025 4:26	11/18/2025 14:54	1	Forced	weekly maintenance.
BIOF	06FFHC_G01	9	11/24/2025 5:37			Forced	Weekly maintenance.
BIOF	06HPCO_G01	2	11/12/2023 20:00			Forced	Defective auxiliary of vibration meter.
BIOF	06HPCO_G02	9.5	10/26/2025 22:37	10/28/2025 8:05	1	Forced	Weekly maintenance.
BIOF	06HPCO_G02	9.5	11/2/2025 2:57	11/6/2025 1:44	4	Forced	Weekly maintenance.
BIOF	06HPCO_G02	9.5	11/10/2025 5:54	11/11/2025 8:52	1	Forced	Weekly maintenance.
BIOF	06HPCO_G02	9.5	11/17/2025 5:00	11/18/2025 7:16	1	Forced	weekly maintenance
BIOF	06HPCO_G02	9.5	11/24/2025 0:30	11/25/2025 15:18	2	Forced	Weekly maintenance.
BIOF	06URC_G01	30	11/4/2025 10:11	11/5/2025 19:50	1	Forced	Isolated from the grid with indication VECTOR PHASE UNBALANCE.69KV URC lateral still isolated.

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
BIOF	06SCBE_G01	7.4	3/31/2023 10:35			Forced	Plant shutdown
BIOF	06VMC_G01	2.5	4/21/2024 16:20			Forced	Weekly maintenance.
BIOF	06VMC_G02	35	11/3/2025 0:05	11/5/2025 20:25	3	Forced	Shutdown to conduct boiler maintenance.
BIOF	08CASA_G01	8	11/1/2025 13:07	11/3/2025 9:02	2	Forced	Delivery of sugarcane is not sufficient during all saint s day.
BIOF	08CASA_G02	7	6/19/2025 15:06	11/11/2025 10:06	145	Forced	Due to end of export power for unit 2 crop year 2024-2025.
BIOF	08CASA_G02	7	11/11/2025 22:34			Forced	Cut out due to low supply of sugarcane
COAL	05KSPC_G01	103	11/15/2025 0:00			Planned	GOMP
COAL	05THVI_U01	169	11/4/2025 2:15	11/5/2025 2:41	1	Forced	Auto-tripped unit due to boiler tripped drum level high high
COAL	05THVI_U01	169	11/18/2025 20:09	11/19/2025 21:00	1	Forced	THVI U1 tripped with drum level low low indication.
COAL	05THVI_U02	169	11/18/2025 16:25	11/21/2025 2:42	2	Forced	Emergency shutdown of unit due to coal crusher problem at coal forwarding line.
COAL	05TPC_G02	83.6	11/17/2025 13:57	11/23/2025 12:00	6	Forced	Emergency cut-out due to possible tube leak
COAL	08PALM_G01	135	10/13/2025 0:00			Planned	Planned Outage
COAL	08PEDC_U01	83.7	10/31/2025 0:56	11/2/2025 5:21	2	Forced	Emergency shutdown due to HPH1 (High Pressure Heater) tube leak.
GEO	04BILGPP_G01	1	10/5/2024 4:39			Forced	Turbine high vibration trip
GEO	04LEYTE_A	5	11/22/2025 0:11			Maintenance	Major PMS scheduled until 2025-12-09
GEO	04LEYTE_A	13.35	10/13/2025 8:48			Forced	Due to AVR fault.
GEO	04LEYTE_A	77.5	7/30/2025 0:25	11/12/2025 21:28	106	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	11/14/2025 3:55			Forced	Emergency shutdown to rectify hotspot on generator terminal busbar connector.
GEO	04LEYTE_A	6.348	11/25/2025 4:58			Forced	Tripped with overspeed indication.
GEO	04LEYTE_A	6.348	10/31/2025 11:20			Forced	Under test by Marshalling Personnel.
GEO	04LEYTE_A	30	10/23/2024 8:21			Maintenance	Emergency repair of air cooled condenser
GEO	04LGPP_G01	38.7	8/1/2025 0:32			Forced	Emergency shutdown
GEO	04LGPP_G01	37.9	11/18/2025 20:31	11/21/2025 0:58	2	Forced	Emergency shutdown to conduct replacement of both Left-Hand and Right-Hand Main Stop Valves (MSVs) and Governing Valves (GVs)
GEO	06BBGPP_G01	4.7	9/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
HYD	04TAFT_G01	5	11/4/2025 2:53	11/5/2025 9:25	1	Forced	Due to overvoltage
HYD	04TAFT_G01	5.1	11/4/2025 3:05	11/5/2025 10:07	1	Forced	Due to overvoltage
HYD	04TAFT_G01	5.1	11/4/2025 3:05	11/5/2025 9:28	1	Forced	Due to overvoltage
HYD	04TAFT_G01	5.1	11/9/2025 16:37	11/13/2025 10:12	4	Forced	Affected by tripping of Paranas-Borongan-Quinapondan 69kV line.

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Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
HYD	04UTH_G01	4.6	10/27/2025 18:57	11/3/2025 18:12	7	Forced	Affected by tripping of 69kV Paranas-Borongan-Quinapondan line.
HYD	04UTH_G01	4.6	11/3/2025 18:12	11/9/2025 0:05	5	Forced	Forced outage with indication of 50 51 OC-3P
HYD	04UTH_G01	4.6	10/18/2025 0:10	10/27/2025 19:07	10	Maintenance	To change unit guide sensor.
HYD	08SUWECO_G01	3.6	11/25/2025 8:48			Forced	Emergency cut-out due to water leakage.
HYD	08SUWECO_G01	3.6	11/3/2025 19:10	11/5/2025 14:12	2	Forced	Offline due to Typhoon TINO
HYD	08SUWECO_G01	0.9	10/3/2025 6:29			Forced	Engine overspeed
HYD	08TIMBA_G01	17.8	11/4/2025 13:33	11/5/2025 13:31	1	Forced	Auto-tripped (affected by line fault)
OIL	05CARMENDPP_U04	10	8/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining
OIL	05CPPC_U01	6.5	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U01	6.5	11/4/2025 5:40	11/5/2025 20:40	2	Forced	Unit unavailable due to typhoon Tino
OIL	05CPPC_U01	6.5	11/22/2025 19:09			Forced	Tripped due to surging exhaust gas temperature high
OIL	05CPPC_U02	6.5	11/4/2025 5:40	11/5/2025 20:40	2	Forced	Unit unavailable due to typhoon Tino
OIL	05CPPC_U03	6.5	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U04	6.5	10/30/2025 0:00	11/24/2025 12:15	26	Planned	To conduct DG#4 24 000H type PMS. (VSO-PUSR-2025-074)
OIL	05CPPC_U05	6.5	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U05	6.5	11/4/2025 5:40	11/5/2025 20:40	2	Forced	Unit unavailable due to typhoon Tino
OIL	05CPPC_U06	6.5	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U06	6.5	11/1/2025 8:09	11/6/2025 8:00	5	Forced	unable to cut-in due to generator short circuit
OIL	05CPPC_U07	6.5	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U08	6.3	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U09	6.3	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05CPPC_U10	6.3	10/30/2025 8:00	10/31/2025 18:00	1	Planned	To conduct annual Electrical PMS per VSO-PUSR-2025-075
OIL	05EAUC_U01	11.5	8/26/2025 0:01			Shutdown	Decommissioned
OIL	05EAUC_U02	11	11/8/2025 0:01	11/10/2025 11:20	2	Planned	10k Running Hours APMS and BESS Integration
OIL	05EAUC_U02	11	11/14/2025 21:07	11/17/2025 11:20	3	Planned	10k running hours APMS and BESS Integration
OIL	05EAUC_U02	11	11/22/2025 0:00	11/24/2025 8:35	2	Planned	APMS and BESS Integration.
OIL	05EAUC_U02	11	11/10/2025 13:23	11/11/2025 21:00	1	Forced	Due to observed abnormal sound on B-bank turbo charger
OIL	05EAUC_U02	11	11/13/2025 8:01	11/14/2025 10:30	1	Forced	To conduct Turbocharger B-bank repair.
OIL	05EAUC_U02	11	11/11/2025 21:00	11/13/2025 8:00	1	Maintenance	Due to observed abnormal sound on B-bank turbo charger and BESS integration work.

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
OIL	05EAUC_U03	11.5	11/15/2025 8:17	11/17/2025 7:47	2	Planned	BESS Integration
OIL	05EAUC_U03	11.5	11/22/2025 8:00	11/24/2025 7:33	2	Planned	BESS Integration Work(VSO-PUSR-2025-081)
OIL	05EAUC_U04	11.5	11/15/2025 8:17	11/17/2025 7:47	2	Planned	BESS Integration
OIL	05EAUC_U04	11.5	11/22/2025 8:00	11/24/2025 7:33	2	Planned	BESS Integration Work(VSO-PUSR-2025-081)
OIL	06CENPRI_U04	6.7	11/6/2025 8:01	11/18/2025 15:19	12	Maintenance	Maintenance outage.
OIL	07TPLPB4_U01	7	11/18/2025 17:22	11/20/2025 9:10	2	Forced	Lube oil low pressure and turbocharger pressure low.
OIL	08NABASDPP_U01	3	10/11/2025 13:38			Forced	Oil mist temp high
OIL	08NABASDPP_U02	3.4	10/12/2025 13:59	10/26/2025 11:26	14	Forced	Auto-tripped due to high temperature of main bearing.
OIL	08NABASDPP_U02	3.4	11/15/2025 23:06	11/19/2025 12:25	4	Forced	Unable to cut in due to abnormal sound
OIL	08PDPP1_U02	5	9/14/2025 10:11			Forced	Unable to start due to loss of excitation voltage and abnormal sound at generator.
OIL	08STBPB1_U02	6	11/23/2025 5:30	11/24/2025 13:35	1	Forced	Unable to start due to cutoff air starting pipe between cylinder 3R and 4R
SOLR	04SEPSOL_G01	40.5	11/4/2025 0:29	11/6/2025 11:15	2	Forced	Affected by tripping of 69kV Tunga Feeder
SOLR	06CARSOL_G01	27.1	11/4/2025 7:57	11/5/2025 22:57	2	Forced	Isolated due to tripping of Bacolod - San Enrique 69 KV Line
SOLR	06MANSOL_G01	40.5	11/4/2025 4:40	11/5/2025 5:57	1	Forced	Auto tripped due to Phase OV1 relay activation.
SOLR	06SLYSOL_G01	20	11/4/2025 6:25	11/5/2025 20:35	2	Forced	Trip with indication voltage trip
WIND	08PWIND_G01	36.7	10/30/2025 7:58	11/6/2025 23:49	8	Forced	Line fault (Under Investigation)
WIND	08PWIND_G02	13.2	10/30/2025 7:58	11/6/2025 23:51	8	Forced	Line Fault (Under Investion)
Mindanao							
BIOF	09LIBPOWR_G01	6	11/4/2025 3:01	11/24/2025 16:20	21	Forced	PMS (Non-GOMP). ETC. November 25 2025
BIOF	14BIOMS_U01	5.7	10/8/2024 15:56			Forced	Tripped due to SOCOTECO 1 69KV(SRB)line power outage.
BIOF	14SPGI_U01	6	10/21/2025 22:53	10/27/2025 8:46	5	Forced	Auto-tripped. Due to the Main Steam Line pressure drop. (Forced Outage).
BIOF	14SPGI_U01	6	10/28/2025 8:40	11/11/2025 9:28	14	Forced	Emergency shutdown for replacement of air preheater. (Forced Outage)
COAL	10GNPK_U03	151.3	10/30/2025 22:06	11/4/2025 9:52	4	Forced	Emergency shutdown due to boiler tube leak. ETI November 4 2025. (Forced Outage)
COAL	10PPEI_U01	24.1	10/25/2025 10:50	10/28/2025 1:20	3	Forced	Tripped coal feeder 1 & 2. (Forced Outage)
COAL	10PPEI_U01	24.1	10/28/2025 18:40	10/30/2025 11:34	2	Forced	Auto-tripped. Cause All coal feeders trip due to coal blockage. (Forced Outage)

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
COAL	10PPEI_U01	24.1	10/31/2025 5:21	11/14/2025 22:38	15	Forced	Two coal feeders had experienced coal blocking resulting to shutdown.
COAL	10PPEI_U01	24.1	11/18/2025 15:18	11/20/2025 10:58	2	Forced	Tripped due to coal feeder blockage.
COAL	11FDC_U03	135	10/21/2025 1:30			Planned	PMS (GOMP). ETC December 28 2025. (Planned Outage)
COAL	11MINBAL_G01	50	11/6/2025 6:02	11/12/2025 1:34	6	Forced	Unit 1 Desynchronized to grid for Forced Outage due to Condenser Vacuum decay
COAL	11MINBAL_G01	50	11/21/2025 0:24	11/24/2025 0:08	3	Forced	Emergency shutdown due to generator high vibration. (Forced Outage)
COAL	11MINBAL_G01	50	10/25/2025 0:11	10/28/2025 2:09	3	Forced	Shutdown to repair the HP turbine bypass spray valve. ETI Oct. 28 2025. (Forced
COAL	11STEAG_U01	105	11/4/2025 0:00	11/10/2025 6:56	6	Planned	PMS(GOMP). ETC November 11 2025. (Planned Outage)
COAL	11STEAG_U02	105	11/15/2025 0:00	11/21/2025 10:05	6	Planned	Plant shutdown. PMS(GOMP). ETC 11 21 2025 23 59H
COAL	13DCPP_U01	151.4	11/22/2025 2:00			Planned	PMS(GOMP). ETC December 16 2025. (Planned Outage)
COAL	13DCPP_U02	150	10/10/2025 7:15	11/3/2025 8:05	24	Forced	Emergency shutdown due to boiler tube leak. (Forced Outage).ETC November 3 2025
COAL	14SARANG_U02	122	11/16/2025 1:37	11/17/2025 22:13	2	Forced	Tripped. Ind. Master fuel tripped. (Unplanned Outage)
GEO	14MTAPO_U03	3.6	11/14/2025 6:00	11/15/2025 20:18	2	Planned	PMS(GOMP). ETC Nov. 15 2025 23 59 59
GEO	14MTAPO_U03	3.6	10/25/2025 21:28	10/26/2025 20:33	1	Forced	Auto-tripped due to Feed Pump A B tripped (Inverter General fault)
HYD	10AGUS1_U01	35	10/15/2025 8:06	10/30/2025 12:24	15	Planned	PMS-GOMP. ETC. November 05 2025. (Planned Outage)
HYD	10AGUS1_U01	35	10/30/2025 18:12	11/1/2025 17:54	2	Forced	Auto-tripped. Indication 87T Main Transformer Differential. (Forced Outage)
HYD	10AGUS1_U02	35	11/17/2025 8:06	11/19/2025 18:44	2	Forced	Plant Shutdown.(Non-GOMP). ETC 11-19-2025 23 59H
HYD	10AGUS2_U01	60	11/13/2025 8:05			Planned	ETC Dec. 27 2025. GOMP(Planned Outage)
HYD	10AGUS2_U02	60	11/1/2025 8:04	11/3/2025 13:06	2	Planned	PMS(GOMP). ETC November 4 2025. (Planned Outage)
HYD	10AGUS2_U03	60	10/29/2025 8:05	10/31/2025 17:32	2	Planned	PMS(GOMP). ETC October 31 2025 (Planned Outage)
HYD	10AGUS4_U01	52.7	10/4/2025 19:01			Forced	Autotripped. Indication Transformer Differential (87T) & Lock-out. (Forced Outage)
HYD	10AGUS4_U03	52.7	10/4/2025 8:02			Planned	PMS-GOMP. ETC. December 02 2025. (Planned Outage)
HYD	10AGUS5_U01	27.5	11/3/2025 8:03	11/22/2025 18:44	19	Planned	PMS(GOMP). ETC November 23 2025. (Planned Outage)
HYD	10AGUS5_U02	27.5	11/24/2025 8:06		-45985	Planned	PMS-GOMP. ETC. December 14 2025. (Planned Outage)
HYD	10AGUS6_U03	50	11/19/2025 9:07		-45980	Planned	PMS(GOMP). ETC December 30 2025.
HYD	10AGUS6_U04	40	10/16/2025 9:01	10/29/2025 11:01	13	Planned	PMS-GOMP. ETC. October 31 2025. (Planned Outage)
HYD	10AGUS6_U05	43.8	10/15/2025 9:01		-45945	Planned	PMS-GOMP. ETC. December 20 2025. (Planned Outage)
HYD	10AGUS7_U02	25.3	11/16/2025 9:03		-45977	Planned	PMS(GOMP). ETC December 01 2025.
HYD	10LIAN_G01	11.6	10/18/2025 0:04	10/26/2025 17:05	9	Forced	PMS (Non-GOMP). ETC October 28 2025. (Maintenance Outage)
HYD	11PULA4_U02	75	11/20/2025 8:02	11/24/2025 8:01	4	Forced	PMS(Non-GOMP). ETC November 24 2025
HYD	13TALOM23_G01	0.93	10/28/2025 0:06	10/29/2025 18:08	2	Planned	PMS(GOMP). ETC October 29 2025 (Planned Outage)

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
HYD	13TALOM23_G01	0.93	10/28/2025 0:06	10/29/2025 17:56	2	Planned	PMS(GOMP). ETC October 29 2025 (Planned Outage)
HYD	14ALMADA_G01	2.6	8/16/2025 18:17			Forced	Isolated. Affected by the forced outage of COTELCO PPALMA S feeder. (OMC Outage)
HYD	14ALMADA_G01	2.6	11/25/2025 2:47			Forced	Plant isolated affected by COTELCO PPalma power outage. (OMC Outage)
HYD	14SIGHYDRO_G01	14.5	9/25/2025 6:22			Forced	Emergency shutdown due to broken headrace pipe. (Forced Outage)
OIL	09WMPC_U01	10.2	11/16/2025 8:23			Forced	Failed to synchronize. Indication Reverse Power. (Unplanned Outage)
OIL	09WMPC_U02	10.2	11/16/2025 8:23	11/18/2025 22:42	3	Forced	Isolated due to forced outage of Zamboanga - WMPC 138kV Line 1. (OMC Outage)
OIL	09WMPC_U03	10.2	11/16/2025 8:23	11/18/2025 22:42	3	Forced	Isolated due to forced outage of Zamboanga - WMPC 138kV Line 1. (OMC Outage)
OIL	09WMPC_U05	10.2	11/16/2025 8:23	11/17/2025 18:00	1	Forced	Isolated due to forced outage of Zamboanga - WMPC 138kV Line 1. (OMC Outage)
OIL	09WMPC_U07	10	11/19/2025 13:29	11/20/2025 16:35	1	Forced	Declared forced outage. Indication Turbo Charger vibration alarm.
OIL	12KEGGIN_G01	10.6	4/15/2024 15:05			Forced	Failed to synchronize due to low SF6 Pressure on PCB. (Forced Outage)
OIL	12NACSUR_G01	10.4	11/3/2025 12:10	11/4/2025 13:46	1	Forced	Declared unavailable due to typhoon. (OMC Outage)
OIL	12PKSFRA_U01	5.2	11/19/2025 14:12			Forced	Plant on emergency shutdown due to turbo charger problem. (Forced Outage)
OIL	12TM2_U02	50	10/26/2025 0:00	10/29/2025 22:09	4	Planned	PMS(GOMP). ETC October 30 2025 (Planned Outage)

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ANNEX
CONGESTED LINES AND EQUIPMENTS

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Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
5DAAN_4TAB2	639	7.4%
LEYTE_TO_CEBU	307	3.6%
5DAAN_4TAB1	66	0.8%
1BAUA_1LAT1	57	0.7%
1BAUA_1LAT2	56	0.6%
1BING_1NGS2	54	0.6%
1MEXI_1HER2	19	0.2%
8NABAS_TR2	12	0.1%
5CEBU_TR3	12	0.1%
6AMLAN_TR2	5	0.06%

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)

A measure of market concentration calculated as the sum of the squares of the market shares of all firms in a market. The HHI ranges from close to zero (many small firms) to 10,000 (a single firm with 100% market share). Under the 2023 U.S. Department of Justice and Federal Trade Commission Merger Guidelines, markets with an HHI above 1,800 are highly concentrated. An increase of more than 100 points is viewed as significant increase and may indicate that a merger could substantially lessen competition or create a monopoly. Earlier guidelines (1982-2010) classified markets with HHI between 1,000 and 1,800 as "moderately concentrated" and above 1,800 as "highly concentrated", using the same 100-point increase threshold for significance.

MARGINAL PLANT

The last generating unit scheduled to meet the system demand.

MAJOR PARTICIPANT GROUP

The grouping of generators by ownership or control.

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.

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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