MONTHLY MARKET STATISTICS

JANUARY 2026

(26 December to 25 January 2026)

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.

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ENERGY MARKET

AT A GLANCE

26 December - 25 January 2026

Total Registered Capacity (MW)

29,994 0.33%▼

Previous Month: 30,094

Average Demand (MW)

12,611 6.78%▼

Previous Month: 13,528

Average Capacity Offered/Nominated (MW)

18,921 63.08% of the total Registered Capacity

Previous Month: 19,848

Average Capacity Not Offered/Nominated (MW)

5,354 17.85% of the total Registered Capacity

Previous Month: 5,229

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

3,763 19.99%▼

Previous Month: 4,704

Average Capacity of Plants on Commissioning (MW)

658 2.19% of the total Registered Capacity

Previous Month: 629

Average Capacity on Outage (MW)

5,142 17.14% of the total Registered Capacity

Previous Month: 4,333

Average Effective Supply (MW)

16,783 4.98%▼

Previous Month: 17,663

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MARKET OUTCOME
REGIONAL AT A GLANCE
26 December - 25 January 2026

Philippine Electricity Market Corporation

Luzon

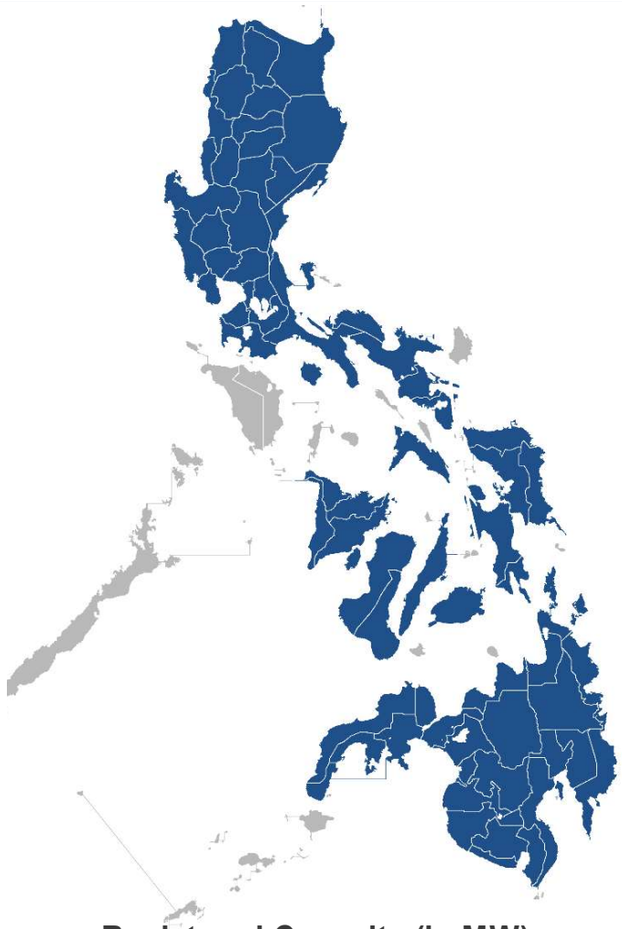
Total Registered Capacity (MW)	21,841.30
Average Effective Supply (MW)	11,442.42
Average Demand (MW)	8,691.56

Visayas

Total Registered Capacity (MW)	3,837.90
Average Effective Supply (MW)	2,458.17
Average Demand (MW)	1,861.89

Mindanao

Total Registered Capacity (MW)	4,314.40
Average Effective Supply (MW)	2,882.26
Average Demand (MW)	2,057.96



Zones	LWAP	Month-on-Month % Change
Northern Luzon	3,388.49	8.43%▲
Metro Manila	3,394.15	7.90%▲
Southern Luzon	3,341.28	8.04%▲
Bohol	4,671.54	42.62%▼
Cebu	4,602.41	42.50%▼
Leyte-Samar	4,500.73	44.47%▼
Negros	4,668.08	42.24%▼
Panay	4,806.23	40.73%▼
Lanao	4,098.46	44.64%▼
North Central	4,268.20	44.38%▼
North-East	4,829.27	46.90%▼
North-West	4,913.53	44.79%▼
South-East	4,629.22	47.12%▼
South-West	4,818.45	47.11%▼

Registered Capacity (in MW)

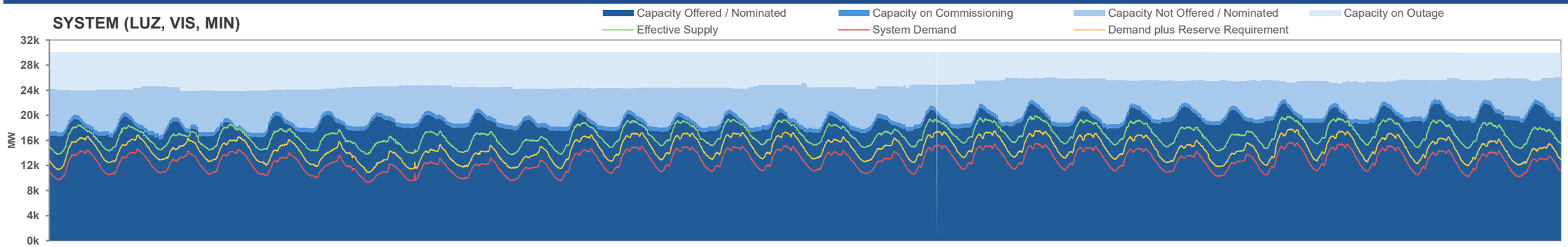
	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,576.50	4,554.50	773.10	2,556.60	1,690.30	403.30	2,696.90	155.60	434.50
Visayas	1,329.70		846.50	65.70	440.10	102.80	731.90	191.20	130.00
Mindanao	2,155.30		105.60	1,161.50	646.60	0.00	85.90	59.50	100.00

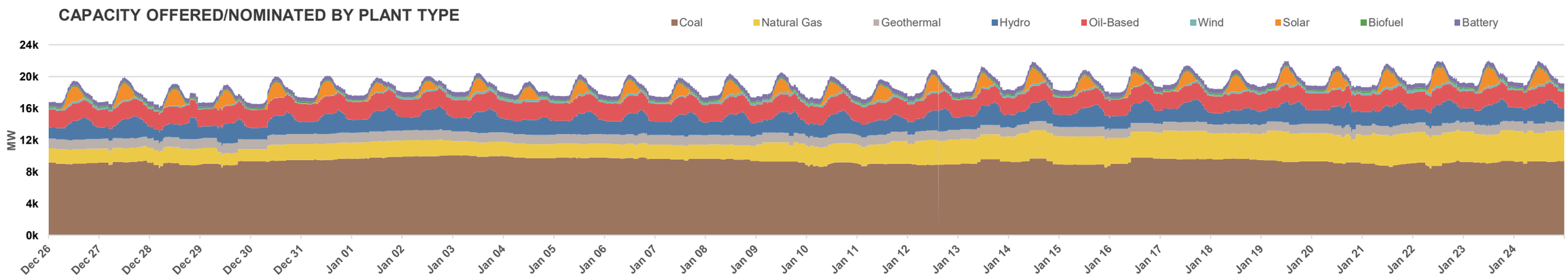
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MARKET OUTCOME
CAPACITY PROFILE

26 December - 25 January 2026

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	13,691.46	1/4/2026 4:30	19,939.51	1/14/2026 13:35	16,782.85	4.98%▼
Luzon	8,919.12	1/4/2026 4:30	14,048.40	1/19/2026 14:55	11,442.42	6.57%▼
Visayas	1,972.47	1/25/2026 5:20	2,892.25	1/13/2026 13:45	2,458.17	3.82%▼
Mindanao	2,446.67	12/26/2025 3:55	3,417.63	1/9/2026 14:20	2,882.26	0.74%▲
Demand Plus Reserve Requirement						
System	10,876.67	1/1/2026 8:05	17,822.68	1/19/2026 15:50	14,550.19	6.26%▼
Luzon	7,304.71	1/1/2026 8:05	12,437.28	1/19/2026 15:55	10,049.98	6.80%▼
Visayas	1,658.85	1/25/2026 3:45	2,700.26	1/12/2026 18:15	2,179.01	5.95%▼
Mindanao	1,715.52	12/26/2025 4:05	2,943.02	1/9/2026 14:20	2,321.21	4.18%▼

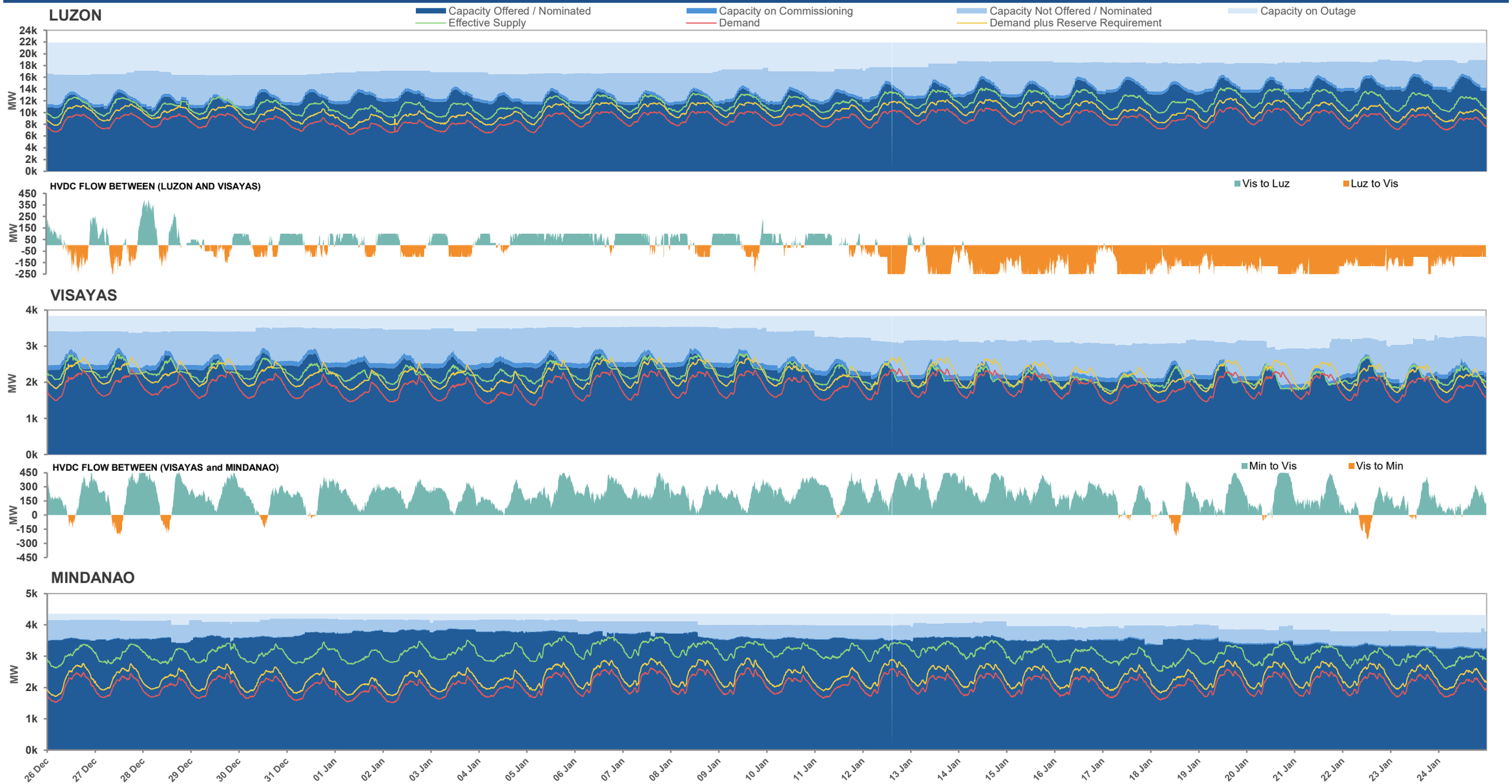
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	8,417.10	1/22/2026 8:05	10,085.40	1/3/2026 6:50	9,358.95	0.74%▲
Natural Gas	1,506.10	12/29/2025 8:15	3,859.80	1/19/2026 12:25	2,665.45	21.96%▼
Geothermal	1,038.80	1/21/2026 15:35	1,258.30	1/1/2026 9:20	1,190.81	0.42%▲
Hydro	1,395.70	12/26/2025 0:20	3,069.50	1/3/2026 17:25	2,046.16	12.36%▼
Oil Based	2,021.20	1/22/2026 19:50	2,254.00	1/4/2026 7:05	2,191.46	2.21%▲
Wind	22.90	12/30/2025 6:45	379.00	1/21/2026 23:25	218.04	4.77%▼
Solar	0.00	12/26/2025 0:05	2,392.30	1/23/2026 11:45	522.42	4.54%▲
Biofuel	91.00	1/4/2026 4:35	198.60	12/26/2025 15:05	167.00	15.31%▼
Battery Storage	500.90	12/27/2025 12:35	592.00	1/22/2026 19:50	560.51	1.60%▲

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MARKET OUTCOME
CAPACITY PROFILE

26 December - 25 January 2026

Philippine Electricity Market Corporation



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MARKET OUTCOME
CAPACITY PROFILE

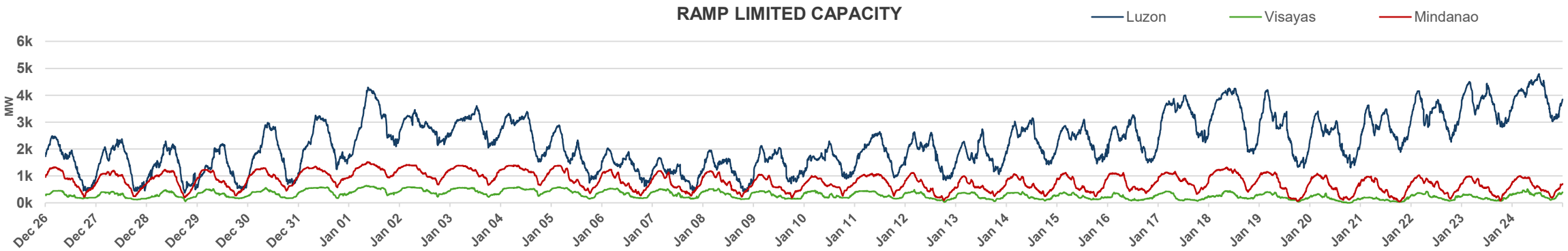
26 December - 25 January 2026

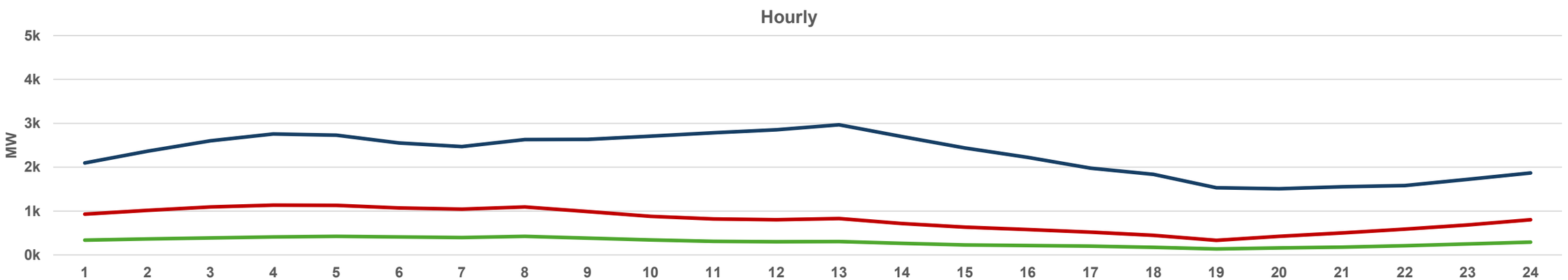
Philippine Electricity Market Corporation

HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	0.31	250.00	63%	8.04%▼
Vis-Luz	0.06	404.04	36%	293.95%▲
Vis-Min	0.05	270.65	8%	76.60%▼
Min-Vis	0.01	450.00	92%	40.51%▲

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	660.56	12/28/2025 18:10	6,809.23	1/25/2026 12:05	3,385.53	0.77%▼
Luzon	368.62	12/28/2025 18:10	5,278.72	1/25/2026 12:05	2,296.09	10.48%▼
Visayas	-	1/20/2026 17:50	635.24	1/1/2026 8:25	295.37	15.01%▲
Mindanao	46.47	1/21/2026 18:20	1,516.49	1/1/2026 9:00	794.06	34.56%▲

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

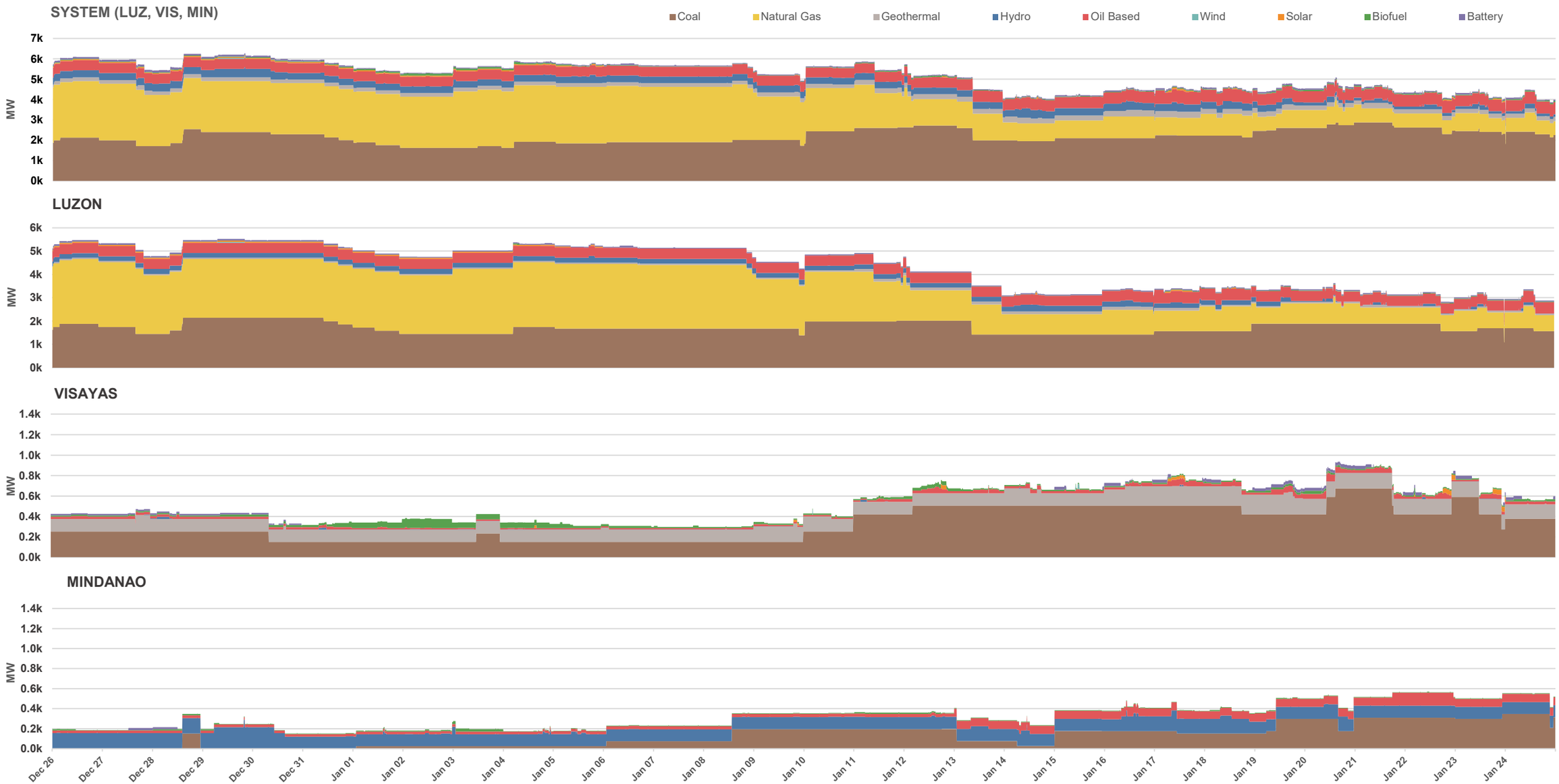




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MARKET OUTCOME
OUTAGE BY PLANT TYPE
26 December - 25 January 2026

Philippine Electricity Market Corporation

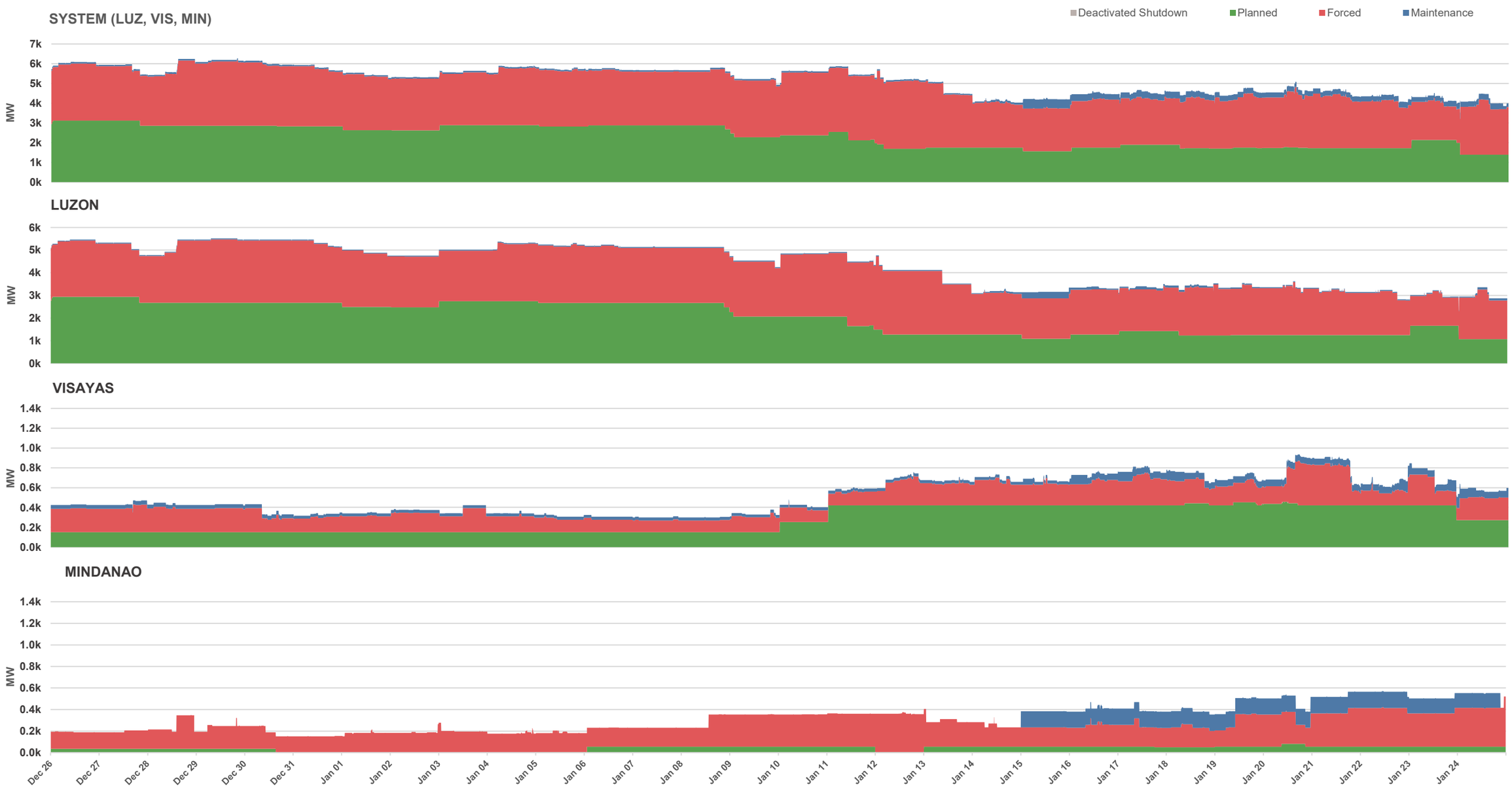


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MARKET OUTCOME
OUTAGE BY CATEGORY

26 December - 25 January 2026

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 December - 25 January 2026

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	1,629.00	1/1/2026 22:30	2,875.00	1/20/2026 23:25	2,184.81	9.45%▲
Natural Gas	685.60	1/19/2026 1:15	2,774.30	1/2/2026 23:55	1,801.91	85.63%▲
Geothermal	121.19	12/26/2025 0:05	327.29	1/16/2026 10:30	210.98	48.35%▲
Hydro	129.40	1/24/2026 14:15	510.20	1/14/2026 10:45	309.09	46.05%▼
Oil Based	476.50	12/31/2025 0:05	669.85	1/17/2026 0:25	520.86	6.27%▼
Wind	13.20	12/26/2025 0:05	49.90	1/10/2026 4:30	44.98	10.27%▼
Solar	5.00	1/5/2026 8:35	98.70	1/14/2026 5:35	49.63	56.46%▲
Biofuel	17.60	1/6/2026 23:30	115.10	1/4/2026 4:50	40.33	19.23%▲
Battery Storage	24.00	12/31/2025 23:05	98.20	12/27/2025 12:35	52.99	18.60%▼

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	1,089.50	1/24/2026 0:05	2,142.90	12/28/2025 14:40	1,722.68	17.53%▲
Natural Gas	685.60	1/19/2026 1:15	2,774.30	1/2/2026 23:55	1,801.91	85.63%▲
Geothermal	1.33	12/26/2025 0:05	137.33	1/16/2026 10:30	73.36	3318.24%▲
Hydro	8.70	1/23/2026 14:20	303.80	1/14/2026 13:15	175.44	39.41%▼
Oil Based	435.50	12/26/2025 0:05	568.25	1/17/2026 0:25	443.01	8.80%▼
Wind	45.10	12/26/2025 0:05	45.10	12/29/2025 7:10	45.10	9.01%▼
Solar	13.40	1/5/2026 8:35	98.70	1/14/2026 5:35	50.49	55.70%▲
Biofuel	5.10	1/2/2026 7:05	55.80	1/4/2026 4:50	13.18	33.08%▲
Battery Storage	24.00	12/31/2025 23:05	90.00	1/6/2026 5:00	45.01	33.56%▼

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	150.00	12/30/2025 8:20	674.70	1/20/2026 14:40	328.30	22.09%▲
Natural Gas						
Geothermal	78.86	12/27/2025 16:30	215.34	1/19/2026 16:15	137.25	11.53%▲
Hydro	0.90	12/26/2025 0:05	23.80	12/28/2025 2:55	1.54	5.36%▼
Oil Based	15.00	12/31/2025 0:05	103.40	1/25/2026 5:05	27.48	27.88%▼
Wind	13.20	12/26/2025 0:05	49.90	1/10/2026 4:30	43.95	13.25%▼
Solar	20.00	12/26/2025 0:05	48.00	1/22/2026 18:05	36.84	56.13%▲
Biofuel	11.90	12/26/2025 0:05	88.60	1/2/2026 0:05	22.29	25.86%▲
Battery Storage	10.00	12/29/2025 23:05	30.00	1/15/2026 0:15	22.20	46.21%▲

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	24.10	12/26/2025 0:05	569.20	1/25/2026 21:05	163.97	58.94%▼
Natural Gas						
Geothermal	3.60	12/26/2025 0:05	3.60	1/12/2026 18:10	3.60	90.92%▼
Hydro	119.80	12/30/2025 15:30	289.80	12/29/2025 19:50	132.11	53.11%▼
Oil Based	26.00	12/26/2025 0:05	129.60	1/21/2026 17:55	50.37	58.13%▲
Wind						
Solar	5.00	12/26/2025 0:05	5.00	1/25/2026 8:40	5.00	75.26%▼
Biofuel	5.70	12/26/2025 11:20	32.10	1/3/2026 0:05	8.22	28.30%▲
Battery Storage	20.00	12/26/2025 0:05	20.00	12/27/2025 12:35	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	1,216.20	1/25/2026 11:55	3,119.80	12/26/2025 0:55	2,285.59	35.62%▲
Maintenance	30.00	12/31/2025 7:05	491.75	1/15/2026 23:15	149.21	17.90%▲
Forced	1,672.14	1/23/2026 22:35	3,730.59	1/12/2026 0:15	2,706.81	7.35%▲
Deactivated Shutdown						

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	939.60	1/25/2026 11:55	2,934.80	12/26/2025 0:55	1,971.53	76.35%▲
Maintenance	40.00	12/26/2025 7:05	280.75	1/15/2026 8:15	56.09	44.49%▼
Forced	1,238.83	1/23/2026 16:00	3,230.43	1/12/2026 0:00	2,263.00	8.96%▲
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	150.00	12/26/2025 0:05	457.00	1/20/2026 8:05	276.14	22.57%▲
Maintenance	30.00	12/31/2025 0:05	143.30	1/23/2026 23:05	45.90	5.48%▲
Forced	115.86	1/22/2026 13:50	447.96	1/20/2026 16:05	203.65	16.98%▲
Deactivated Shutdown						

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	4.60	12/30/2025 15:30	137.70	1/25/2026 21:05	45.84	89.32%▼
Maintenance	138.00	12/26/2025 0:05	154.00	1/20/2026 9:50	148.54	398.45%▲
Forced	151.50	12/26/2025 11:20	606.60	1/25/2026 14:05	240.16	11.21%▼
Deactivated Shutdown						

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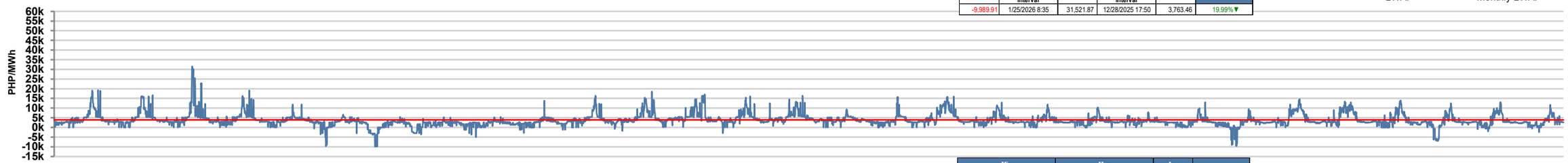
MARKET OUTCOME
MARKET PRICE

26 December - 25 January 2026

Philippine Electricity Market Corporation

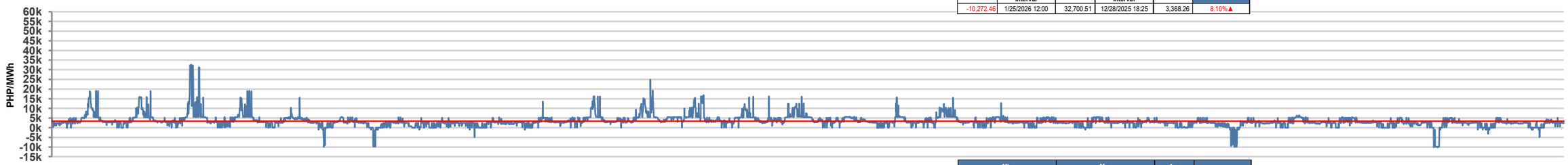
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-9,989.91	1/25/2026 8:35	31,521.87	12/28/2025 17:50	3,763.46	19.99%▼



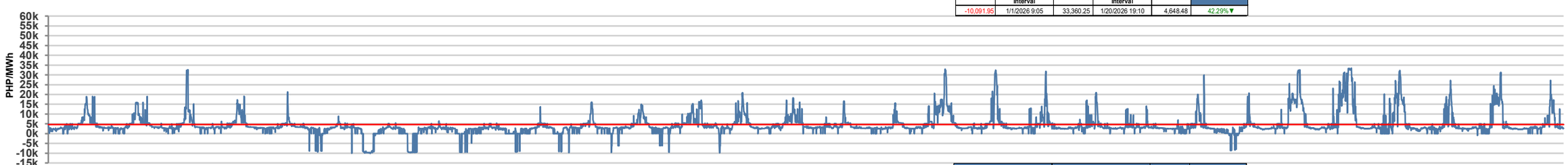
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,272.46	1/25/2026 12:00	32,700.51	12/28/2025 18:25	3,368.26	8.10%▲



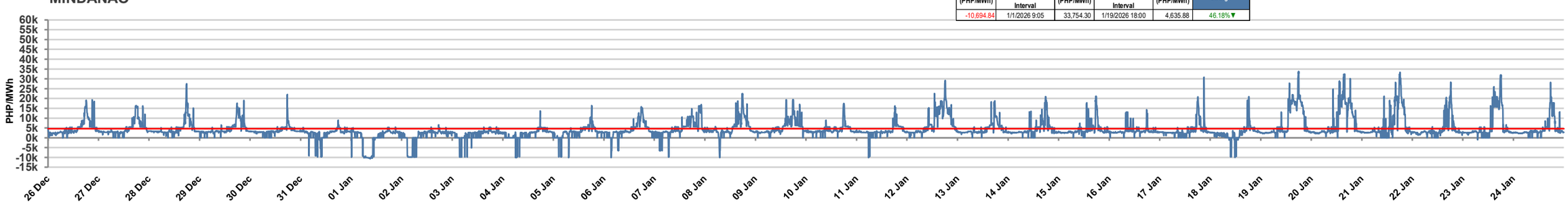
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,091.95	1/1/2026 9:05	33,360.25	1/20/2026 19:10	4,648.48	42.29%▼



MINDANAO

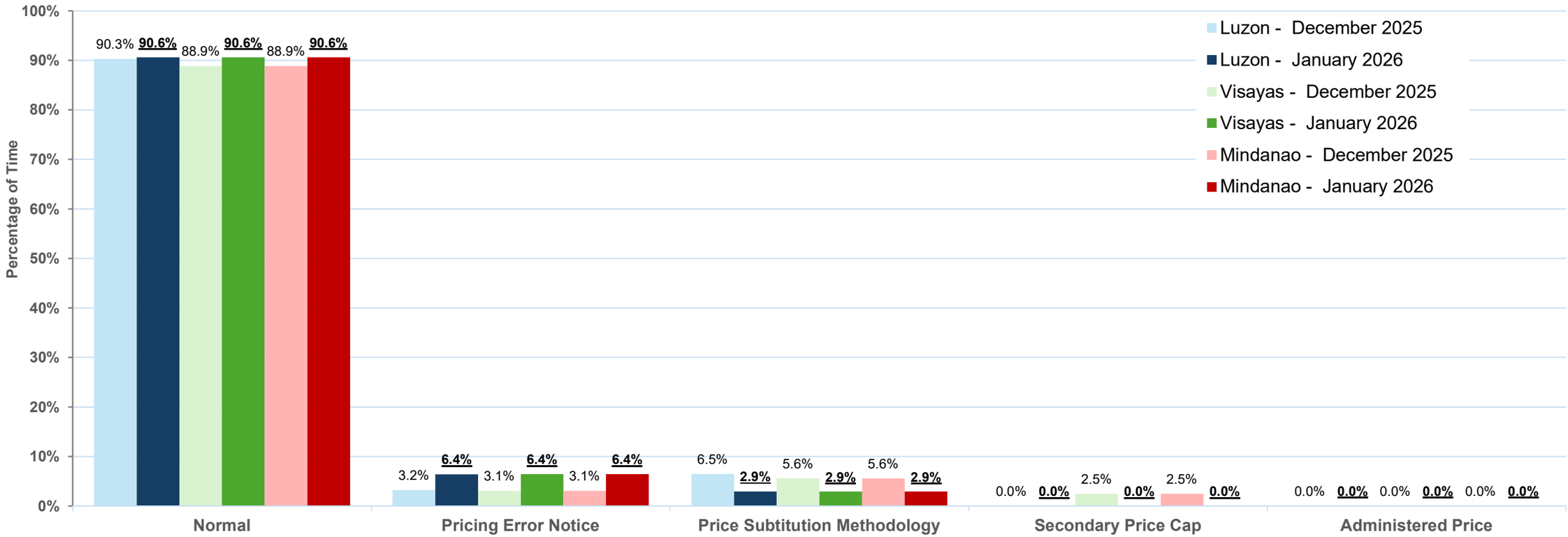
Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-10,694.84	1/1/2026 9:05	33,754.30	1/19/2026 18:00	4,635.88	46.18%▼



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MARKET OUTCOME
PRICING CONDITION
26 December - 25 January 2026

Philippine Electricity Market Corporation



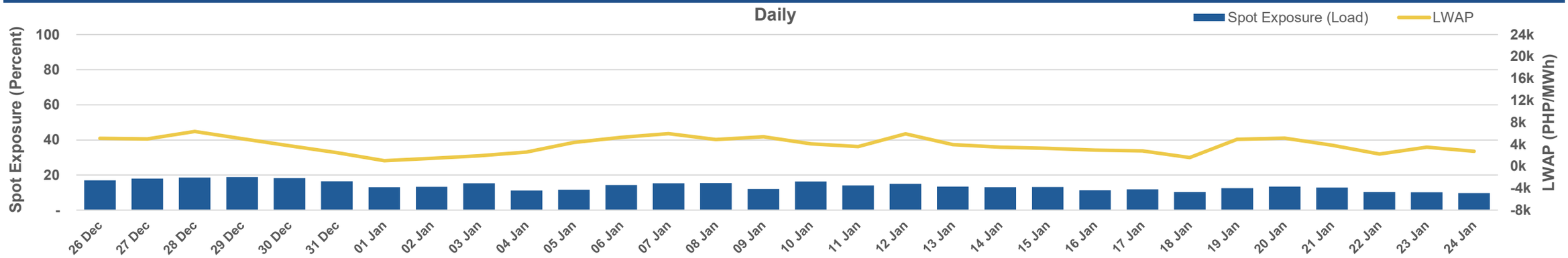
		Normal		Pricing Error Notice		Price Substitution Methodology		Secondary Price Cap		Administered Price	
Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	December 2025	7,802	90.30%	277	3.21%	560	6.48%	0	0.00%	1	0.01%
	January 2026	8,092	90.64%	573	6.42%	262	2.93%	0	0.00%	1	0.01%
Visayas	December 2025	7,680	88.89%	264	3.06%	482	5.58%	213	2.47%	1	0.01%
	January 2026	8,092	90.64%	574	6.43%	261	2.92%	0	0.00%	1	0.01%
Mindanao	December 2025	7,679	88.88%	264	3.06%	480	5.56%	216	2.50%	1	0.01%
	January 2026	8,092	90.64%	574	6.43%	261	2.92%	0	0.00%	1	0.01%

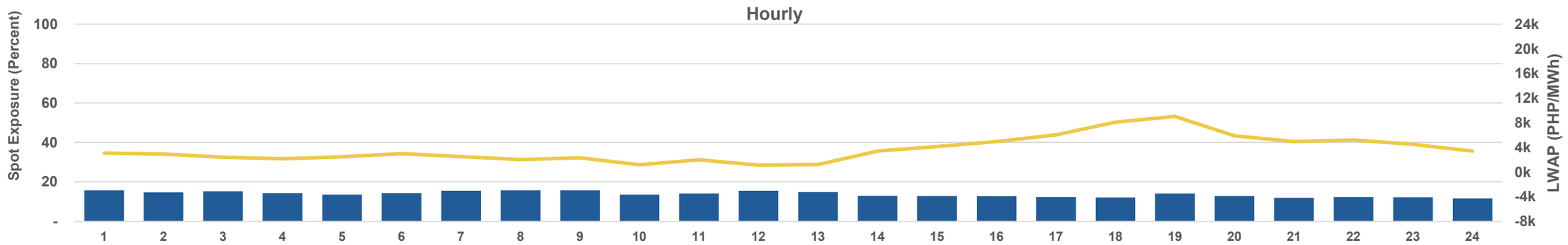
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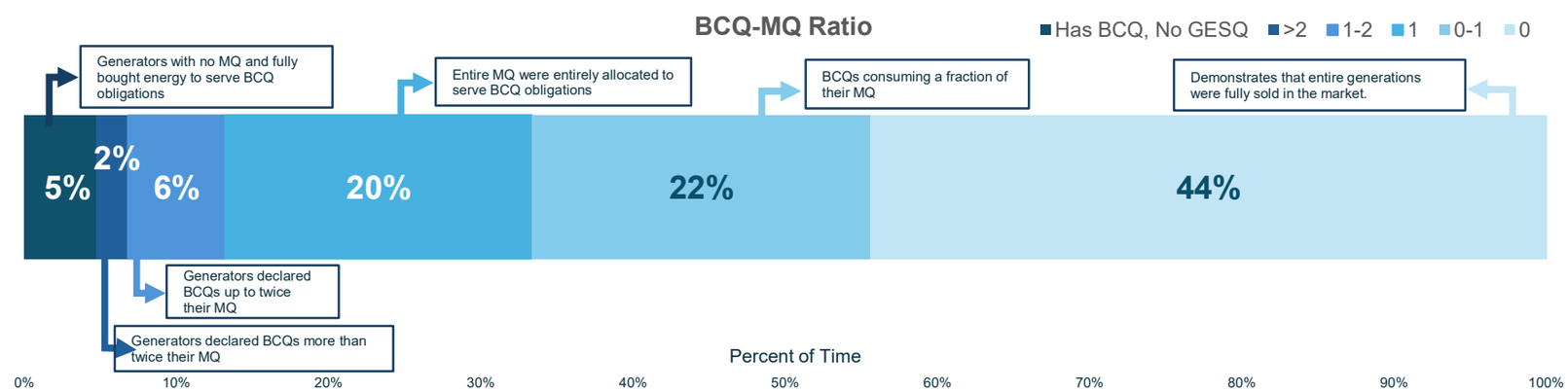
MARKET OUTCOME
SPOT EXPOSURE

26 December - 25 January 2026

Philippine Electricity Market Corporation







Legend	% of Time	Remarks
Has BCQ, No GESQ	5%	Generators with no MQ and fully bought energy to serve BCQ obligations
>2	2%	Generators declared BCQs more than twice their MQ
1-2	6%	Generators declared BCQs up to twice their MQ
1	20%	Entire MQ were entirely allocated to serve BCQ obligations
0-1	22%	BCQs consuming a fraction of their MQ
0	44%	Demonstrates that entire generations were fully sold in the market.

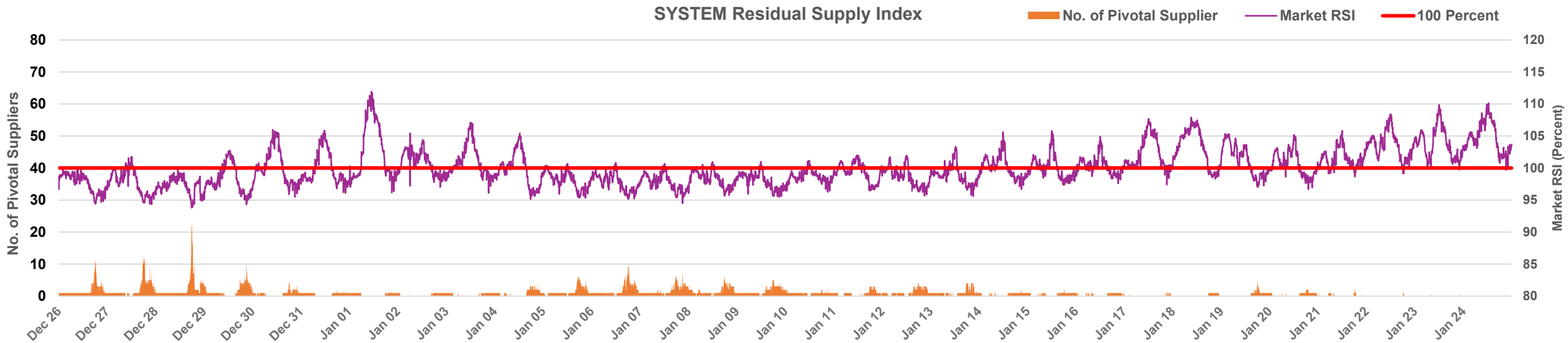
Note: The graph is derived from the occurrences of the BCQ-MQ ratio over time per generator trading interval.

PUBLIC

MARKET OUTCOME
STRUCTURAL COMPETITION

26 December - 25 January 2026

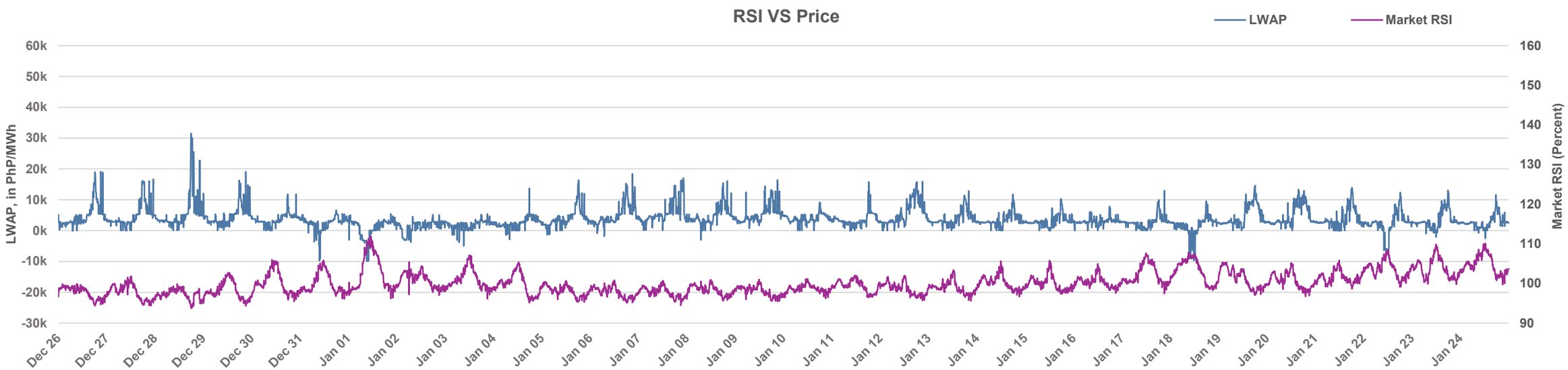
Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	111.93	- 5.17	1/1/2026 11:05
Min	93.81	31,521.87	12/28/2025 17:50

Price (PHP/MWh)		RSI	Time Interval
Max	31,521.87	93.81	12/28/2025 17:50
Min	-9,989.91	109.15	1/25/2026 8:35

Pivotal Supplier		Time Interval
Max	22	12/28/2025 17:50

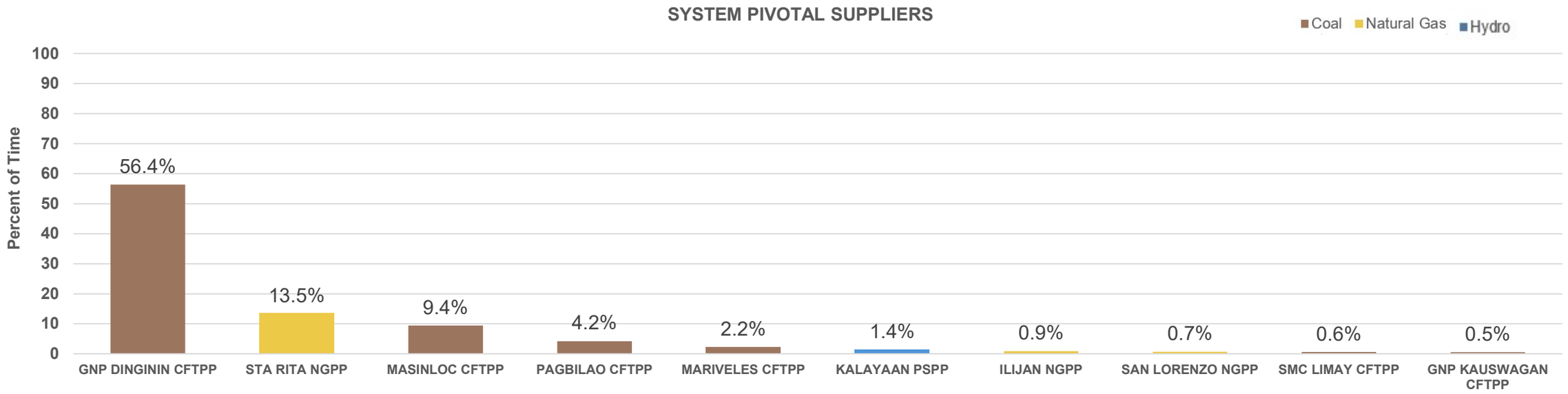


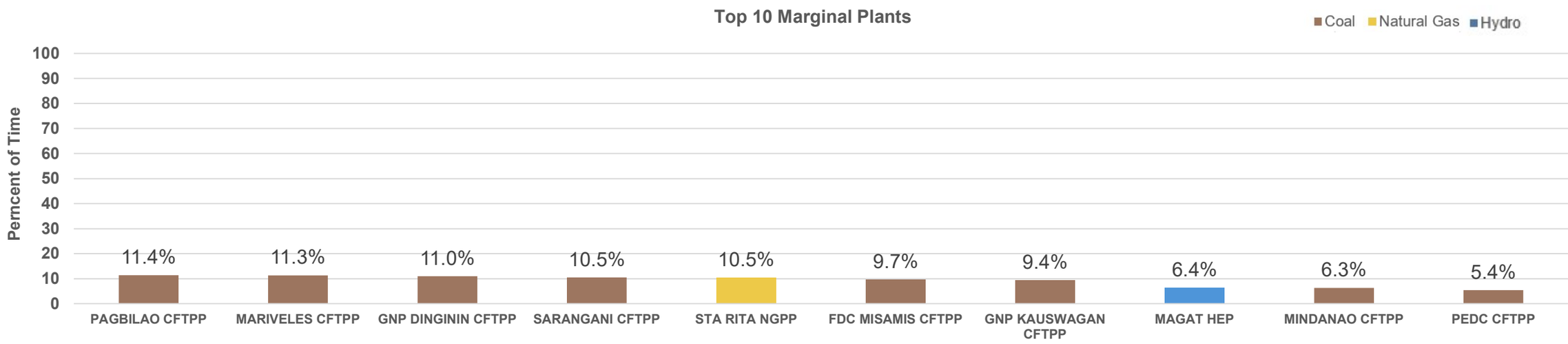
PUBLIC

MARKET OUTCOME
STRUCTURAL COMPETITION

26 December - 25 January 2026

Philippine Electricity Market Corporation



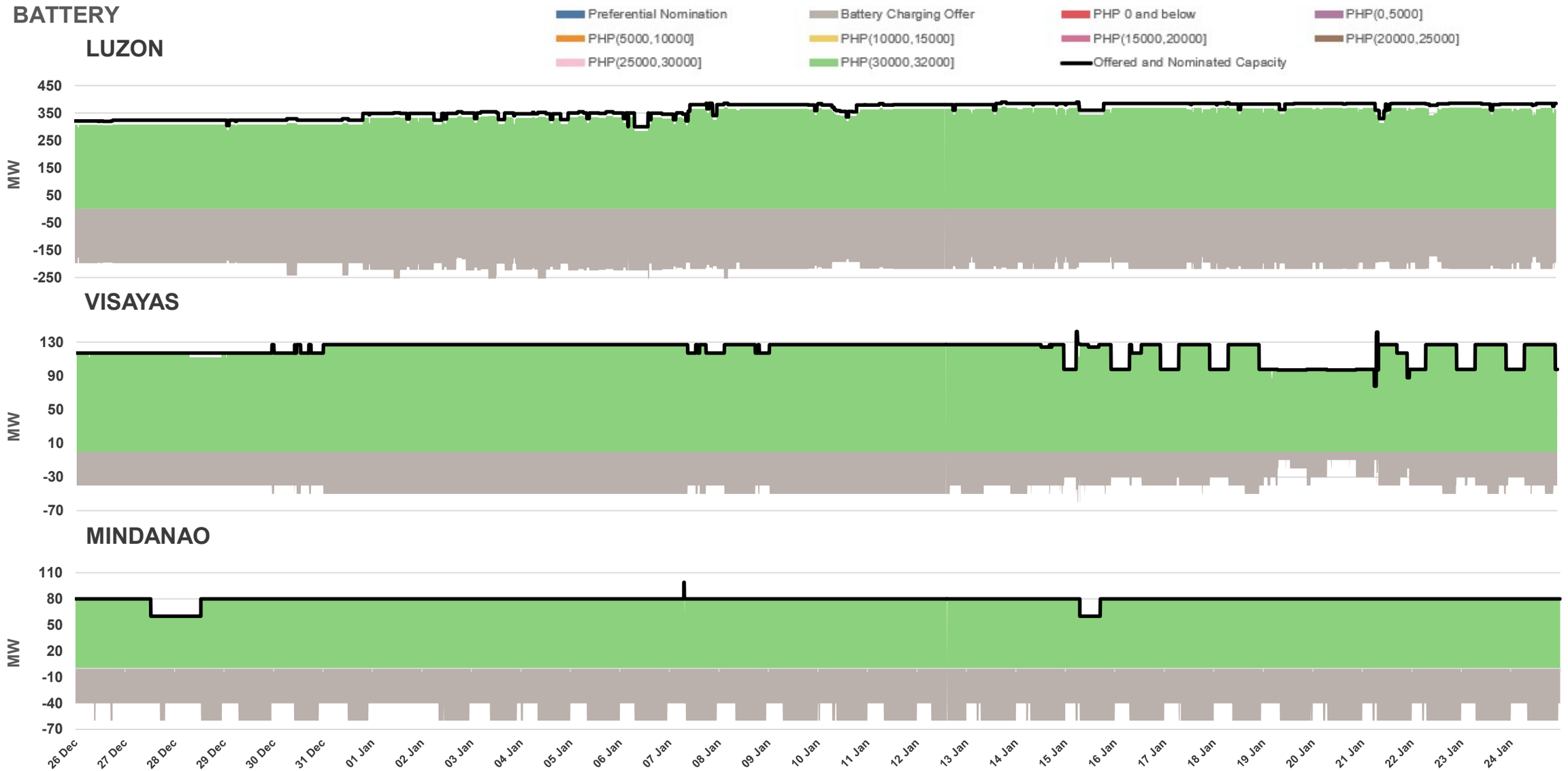


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MARKET OUTCOME
OFFERS
26 December - 25 January 2026

Philippine Electricity Market Corporation

BATTERY



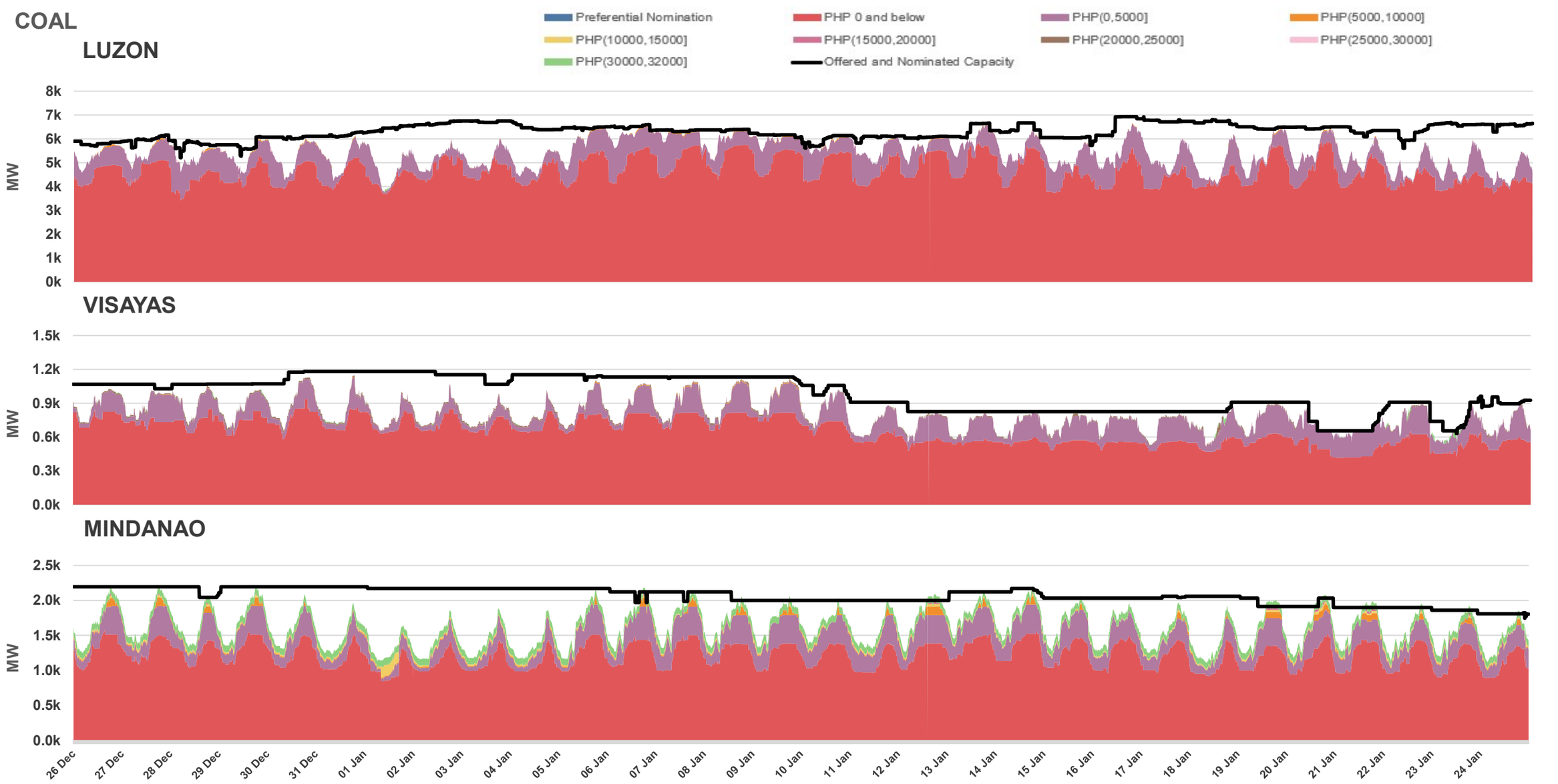
PUBLIC

MARKET OUTCOME
OFFERS

26 December - 25 January 2026

Philippine Electricity Market Corporation

COAL



PUBLIC

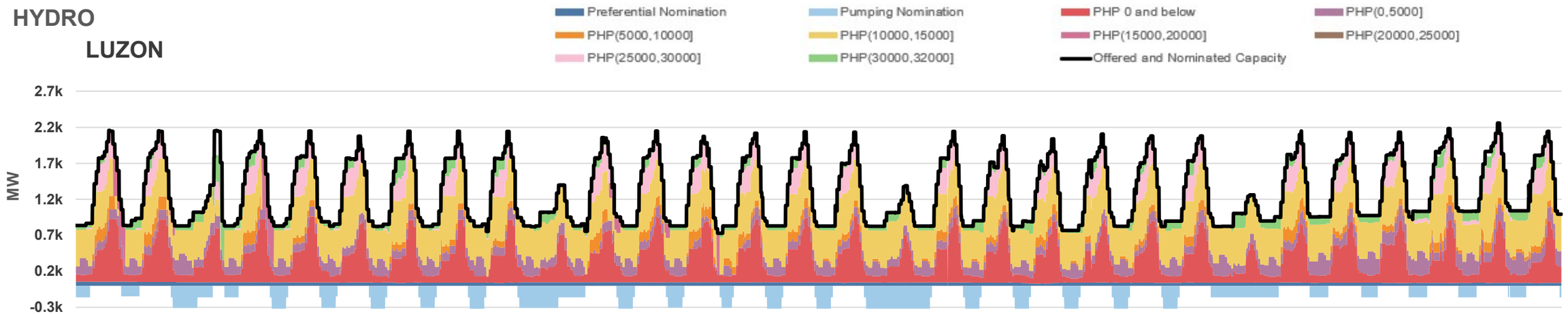
MARKET OUTCOME
OFFERS

26 December - 25 January 2026

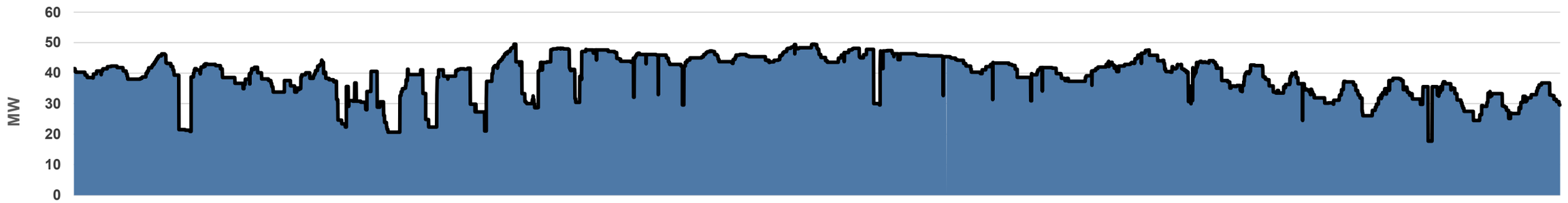
Philippine Electricity Market Corporation

HYDRO

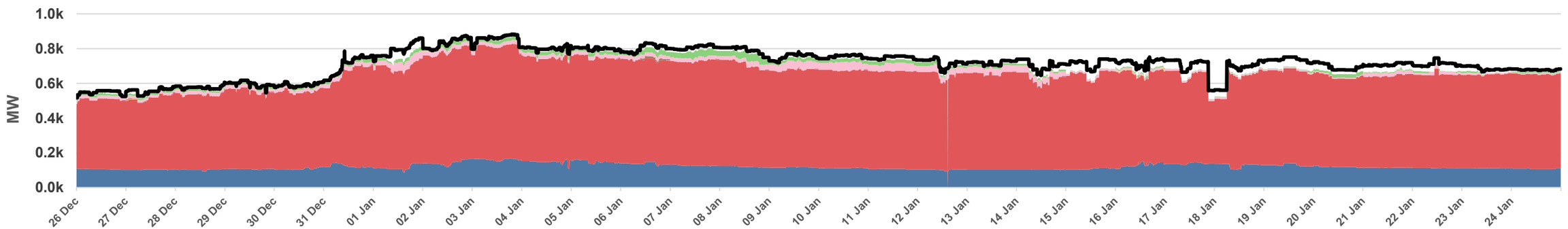
LUZON



VISAYAS



MINDANAO



PUBLIC

MARKET OUTCOME
OFFERS
26 December - 25 January 2026

Philippine Electricity Market Corporation



PUBLIC

RESERVE MARKET

AT A GLANCE

26 December - 25 January 2026

Reserve Total Registered Capacity (in MW)

5,718.60

19.07%

of the total Registered Capacity

Previous Month: 5.559.80

2.86% ▲

		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	3,601.80	9,723.20	575.00	15,267.70	540.38	23,402.51
	Down		8,754.20		15,337.36		23,206.93
Contingency		3,258.90	2,056.13	559.50	7,949.08	874.38	2,053.91
Dispatchable		2,649.00	512.48	415.00	3,914.42	912.70	135.49

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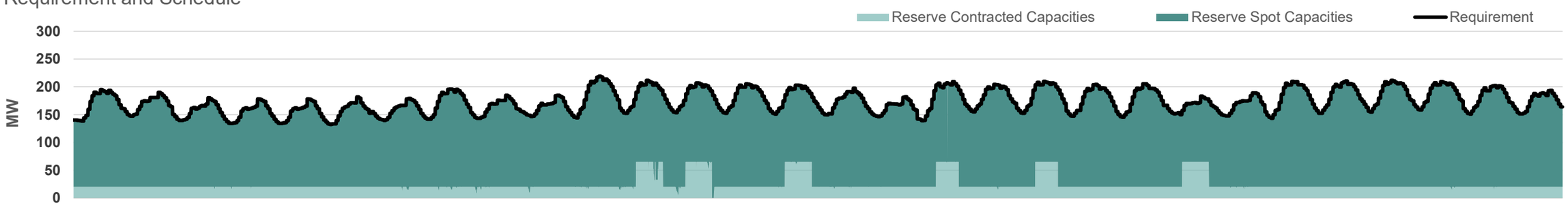
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

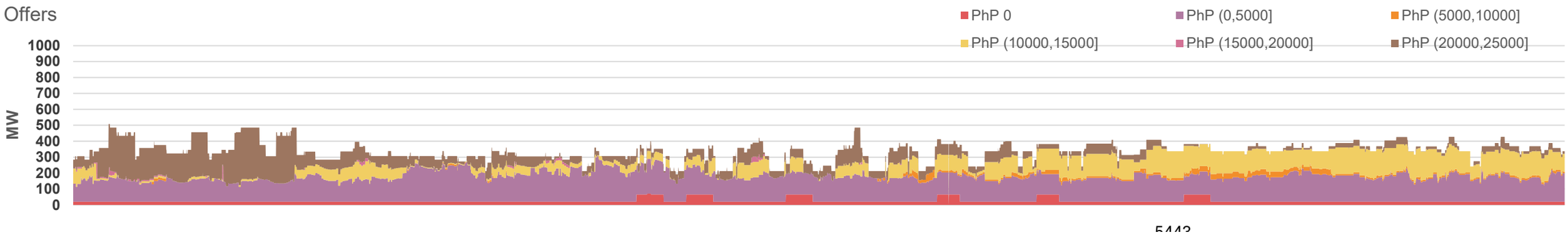
Philippine Electricity Market Corporation

LUZON - REGULATING UP

Requirement and Schedule

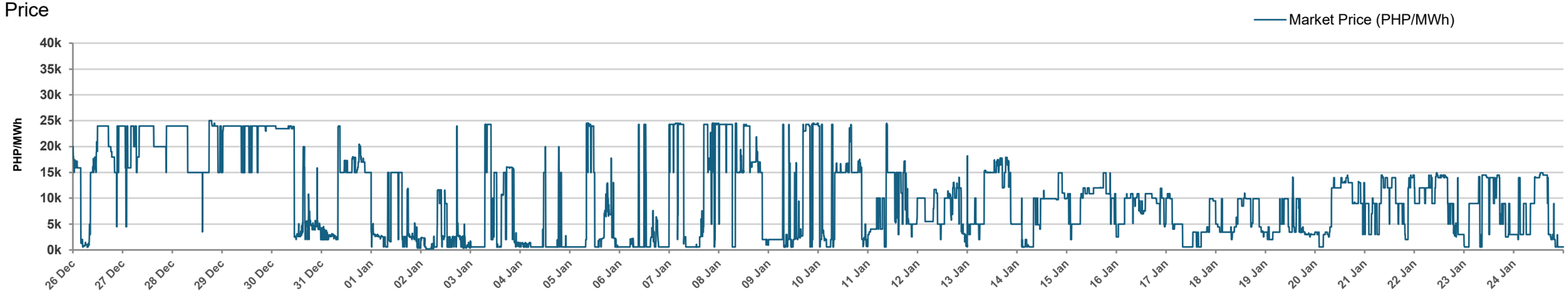


Offers



5443

Price



PUBLIC

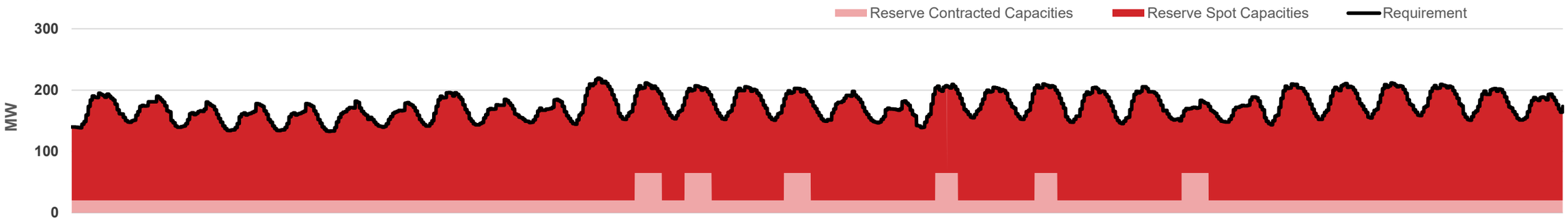
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

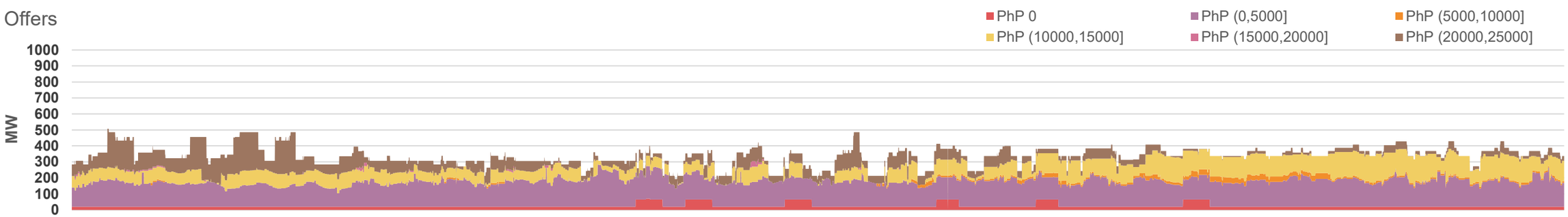
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

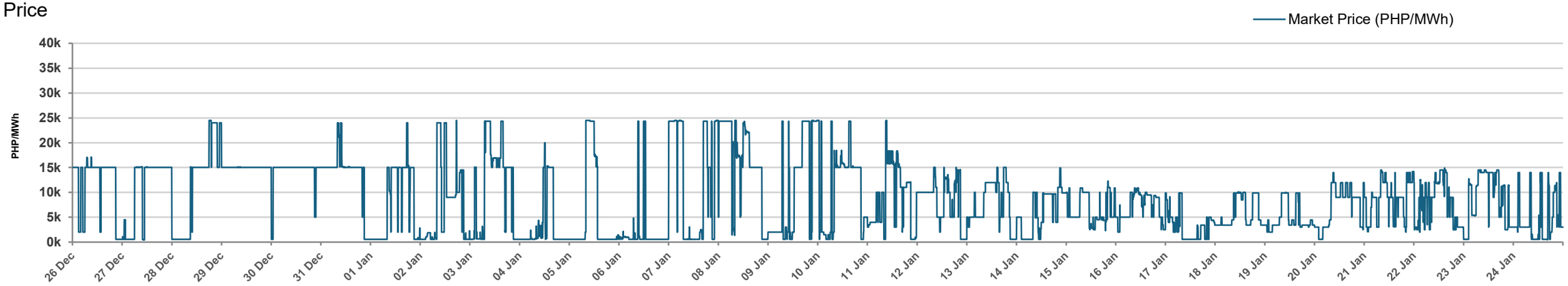
Requirement and Schedule



Offers



Price



PUBLIC

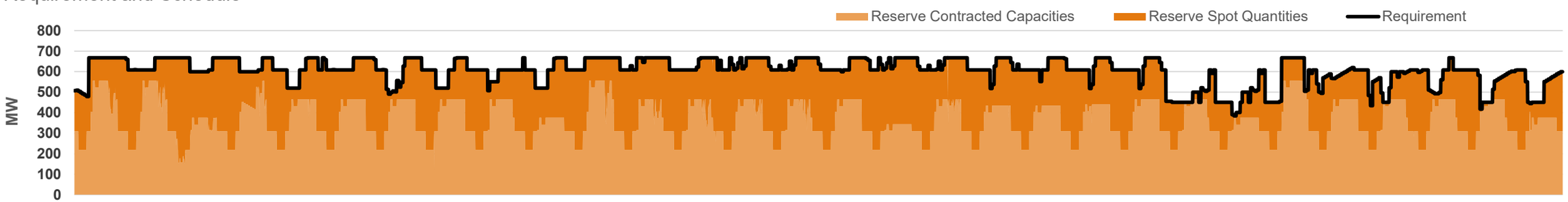
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

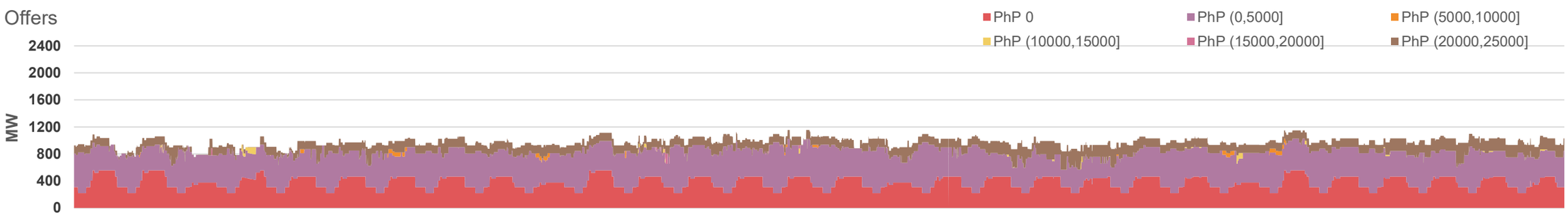
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

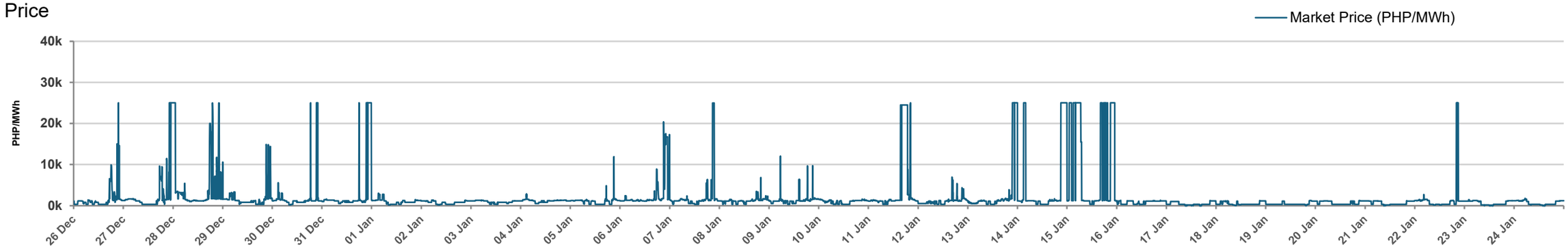
Requirement and Schedule



Offers



Price



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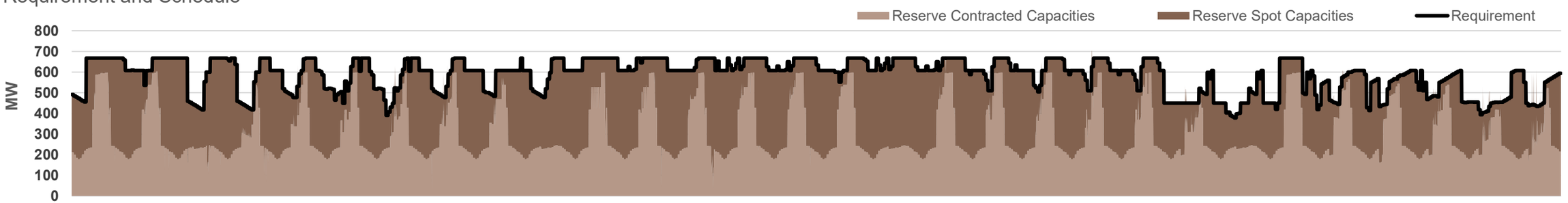
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

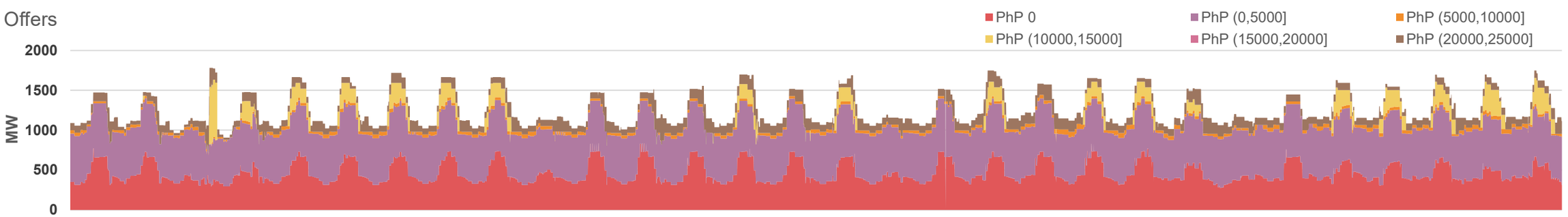
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

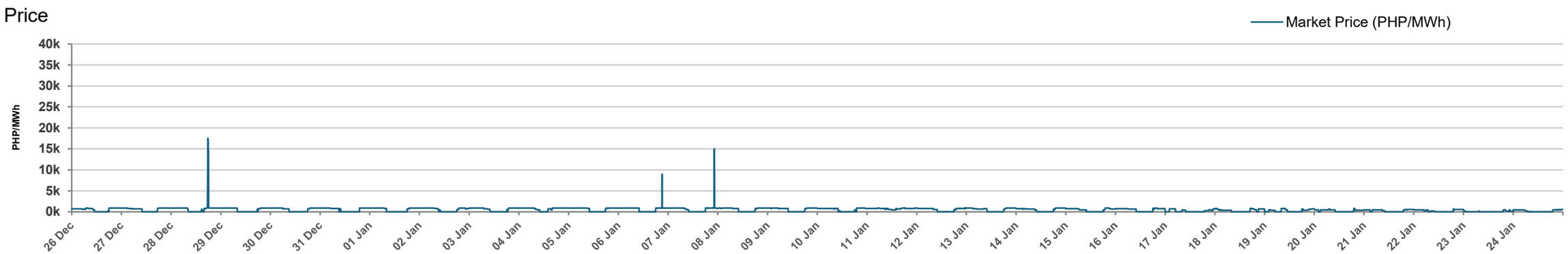
Requirement and Schedule



Offers



Price



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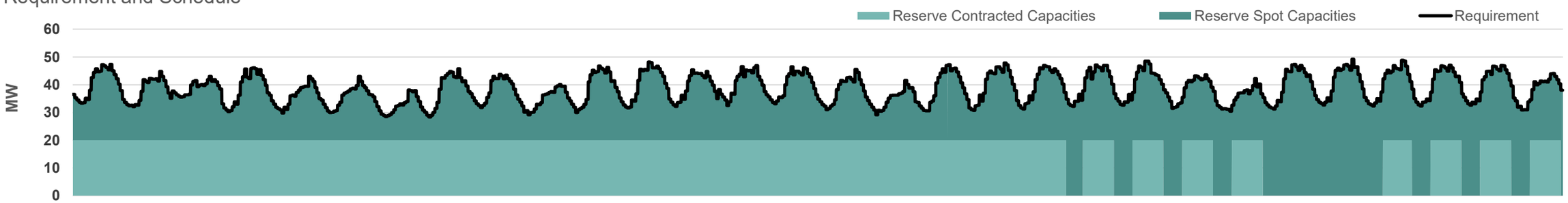
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

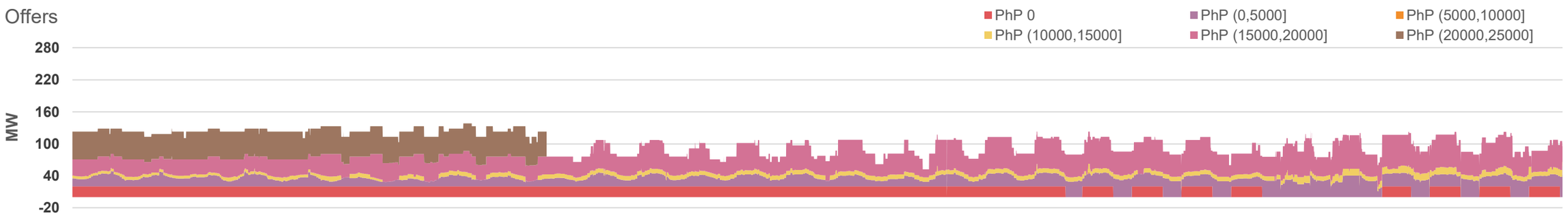
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

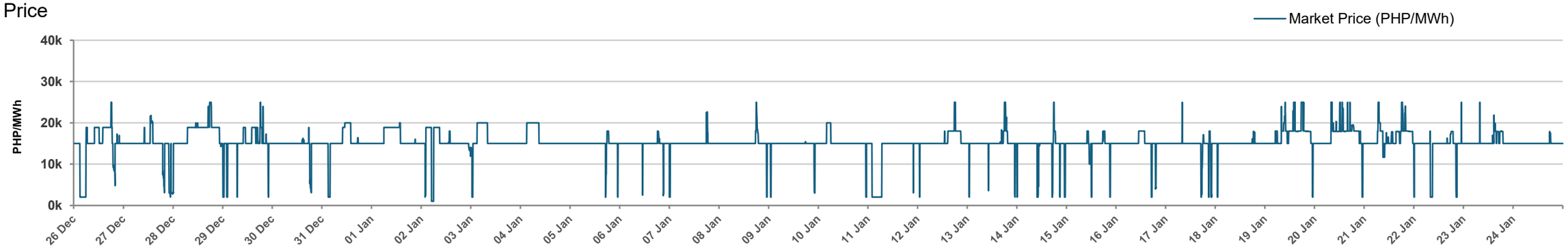
Requirement and Schedule



Offers



Price



PUBLIC

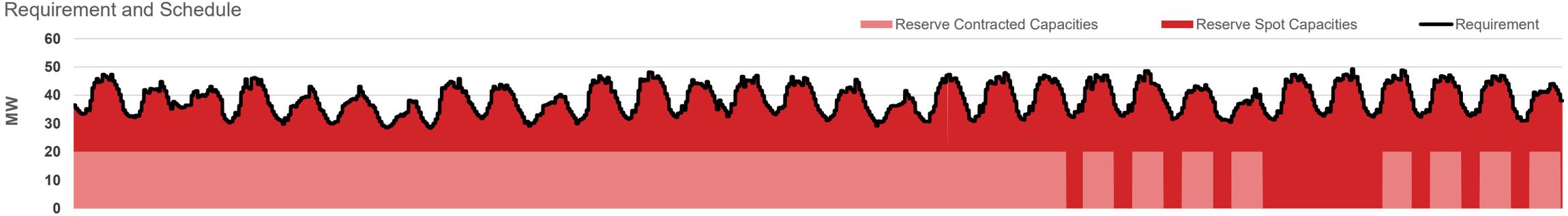
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

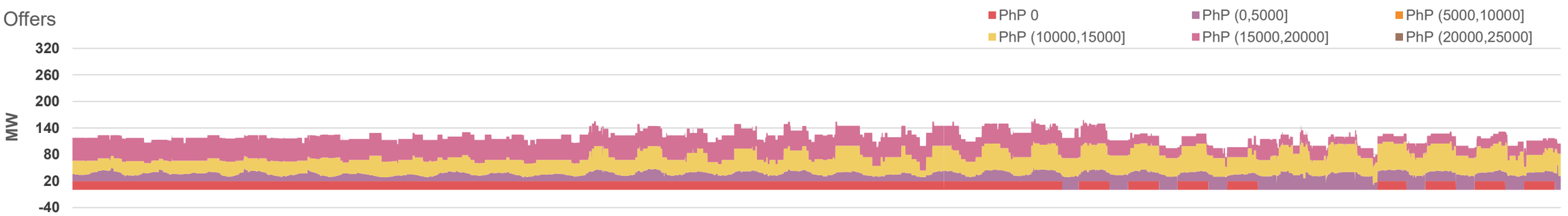
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

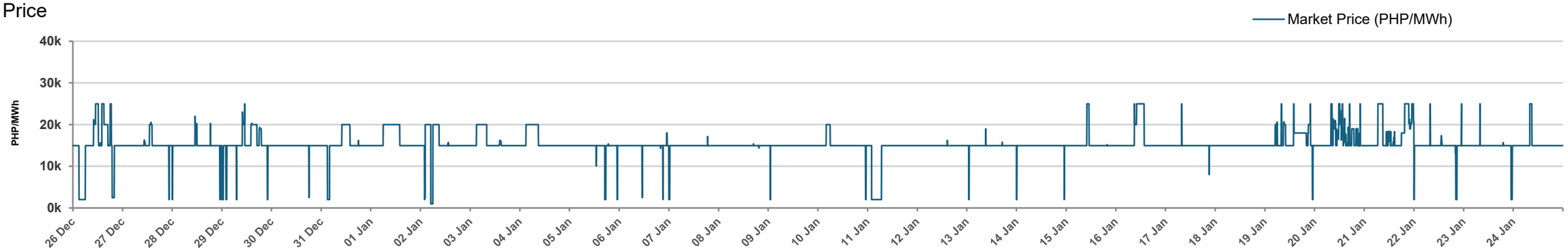
Requirement and Schedule



Offers



Price



PUBLIC

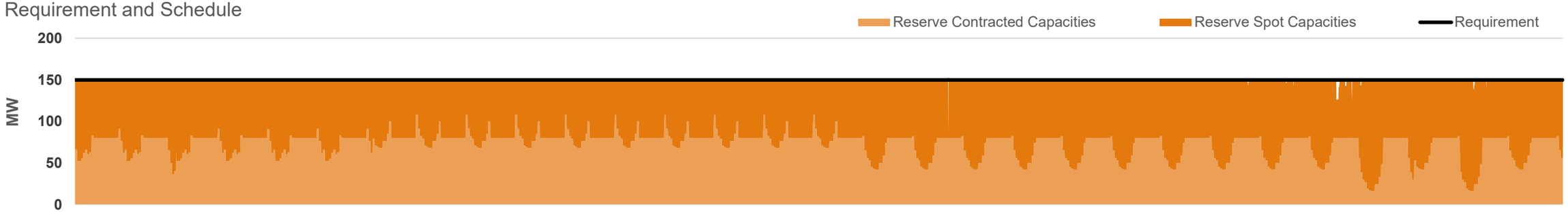
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

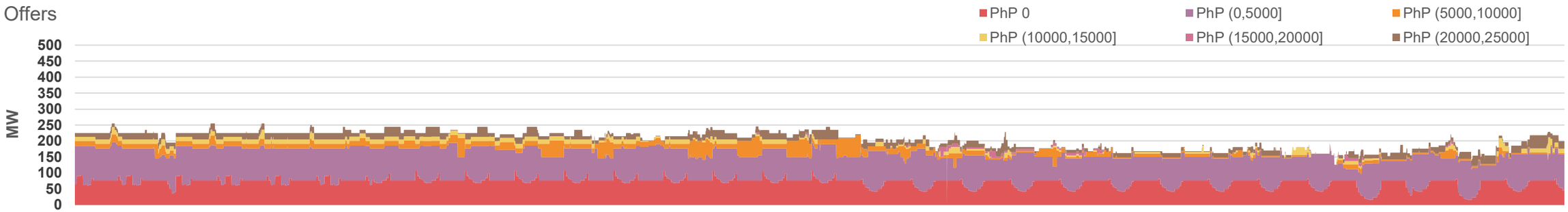
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

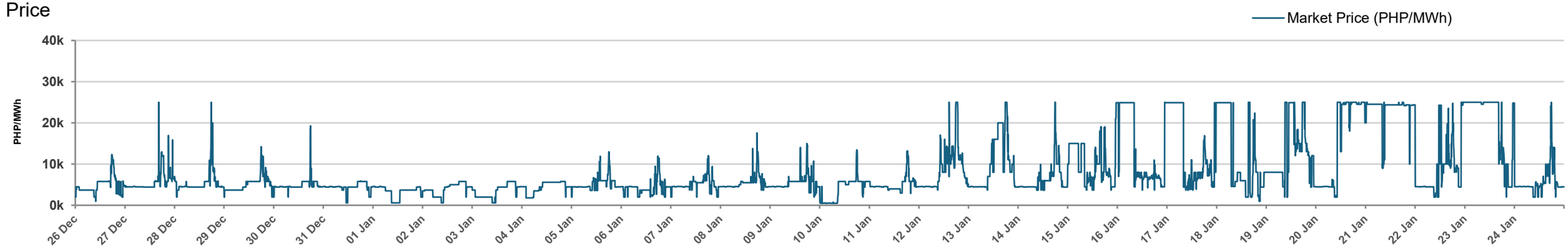
Requirement and Schedule



Offers



Price



PUBLIC

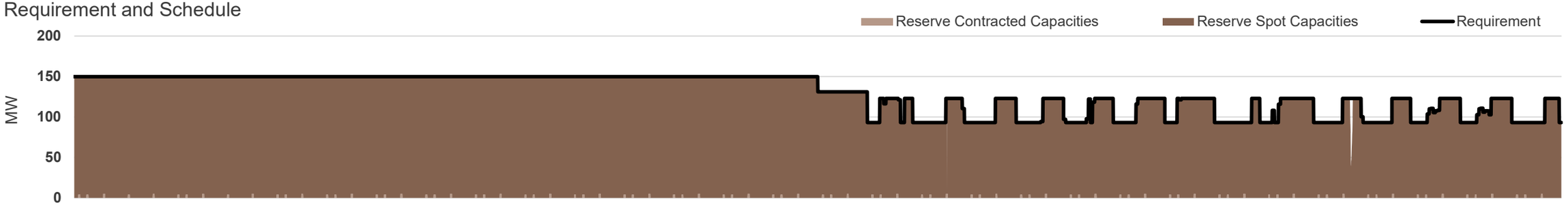
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

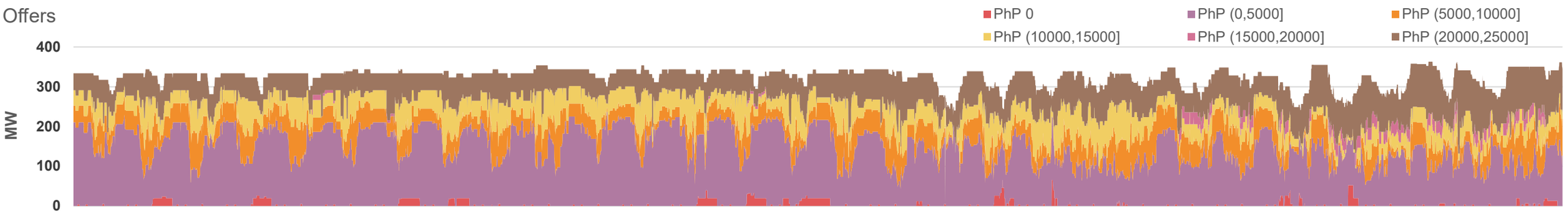
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

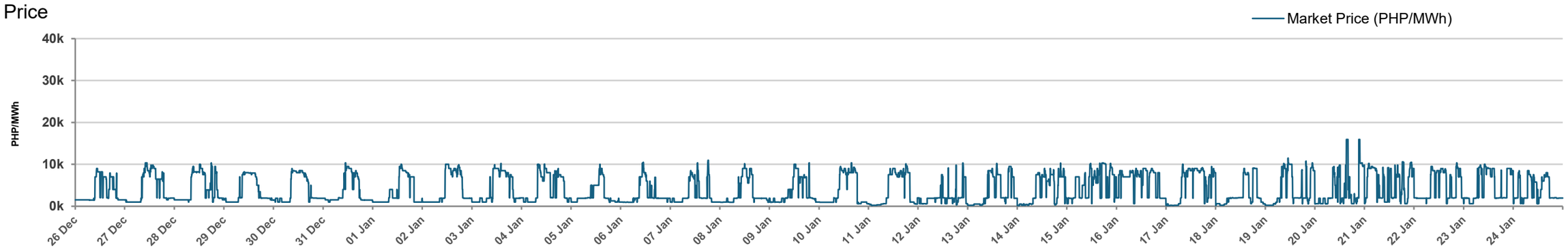
Requirement and Schedule



Offers



Price



PUBLIC

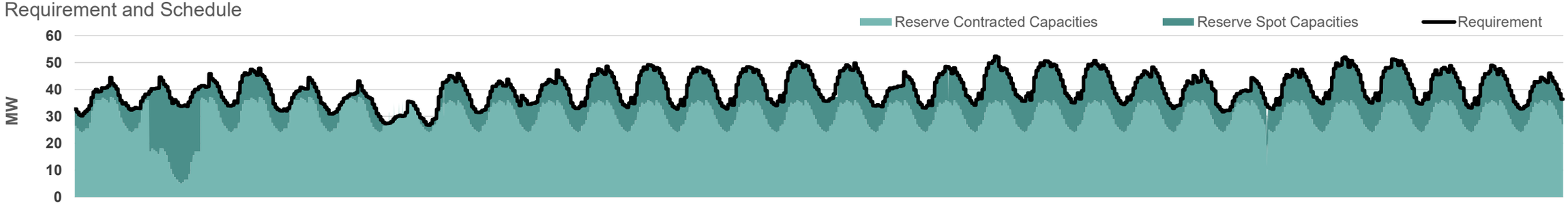
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

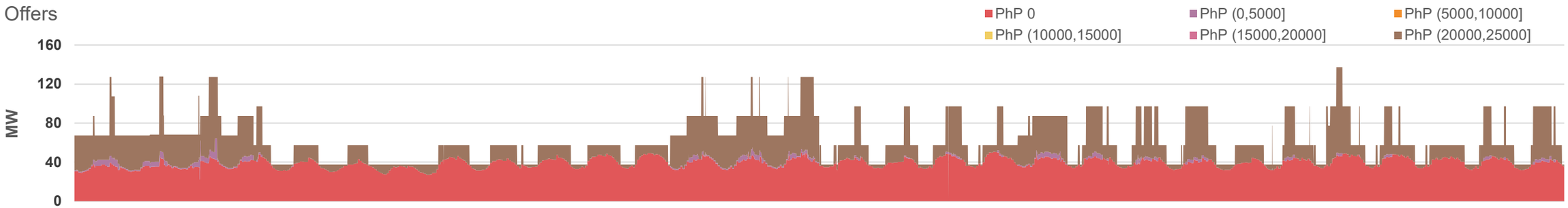
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

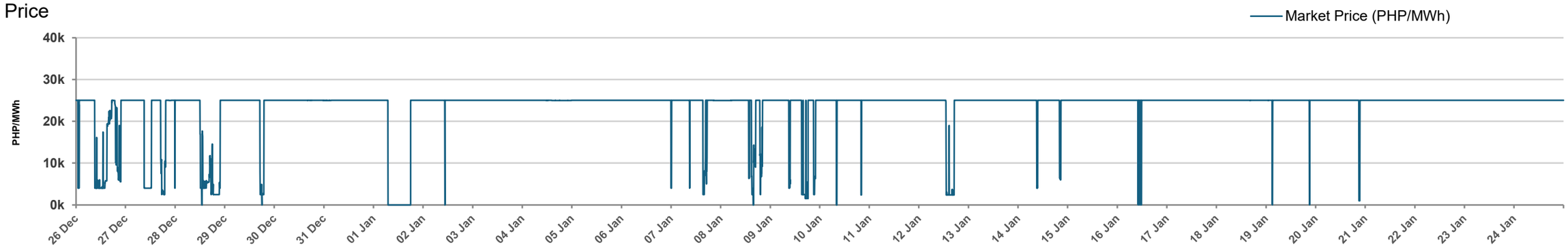
Requirement and Schedule



Offers



Price



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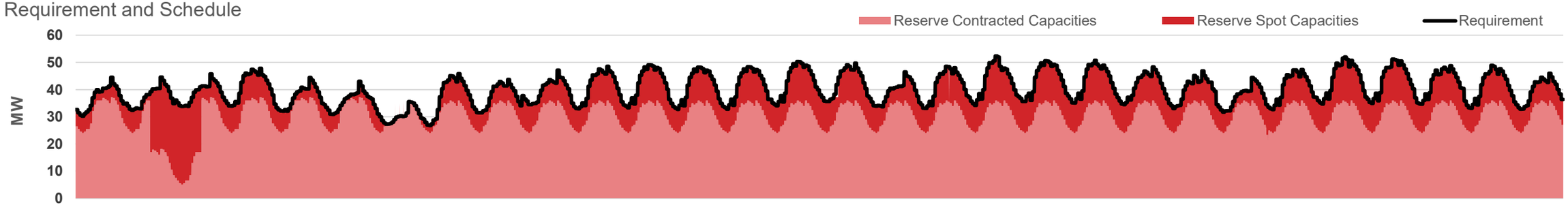
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

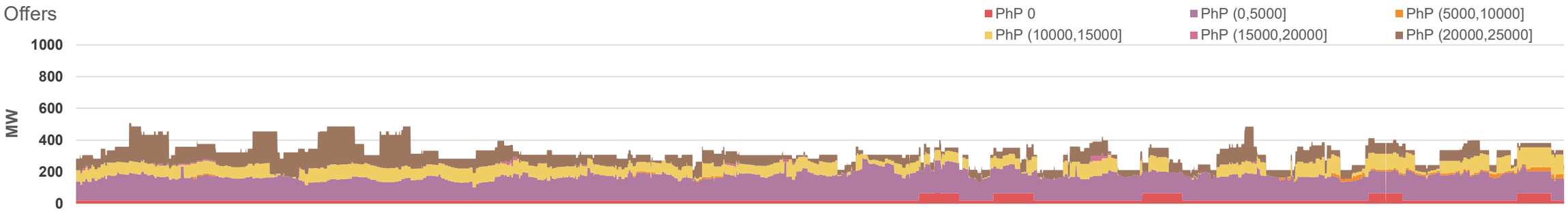
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

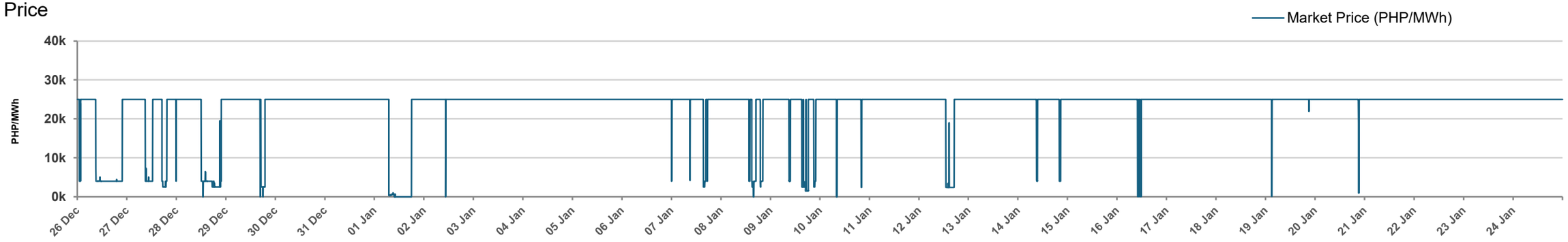
Requirement and Schedule



Offers



Price



PUBLIC

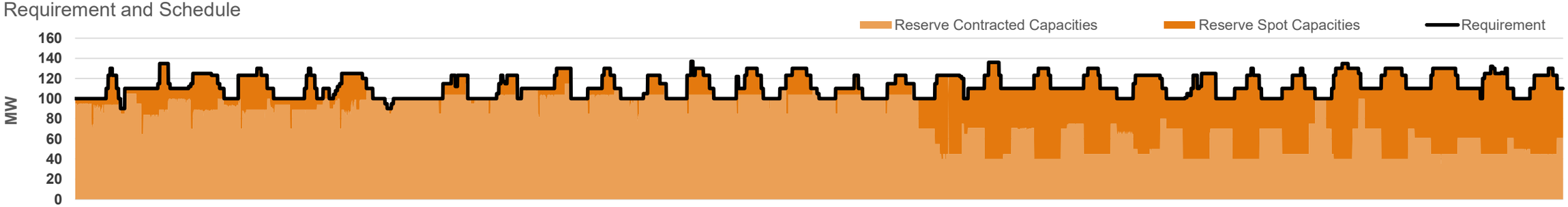
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

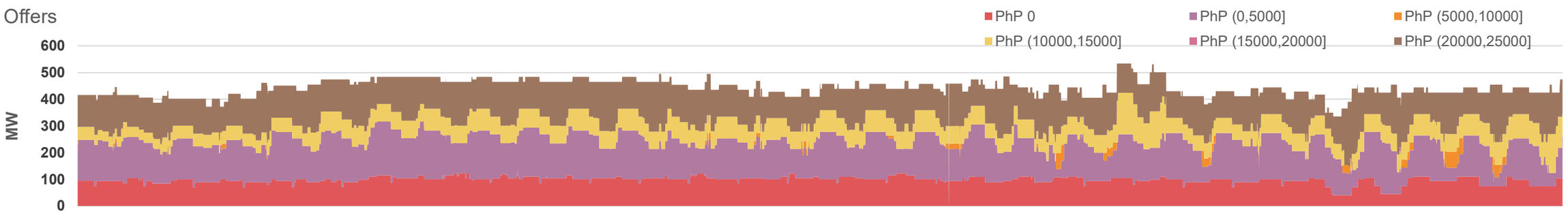
Philippine Electricity Market Corporation

MINDANAO - CONTINGENCY

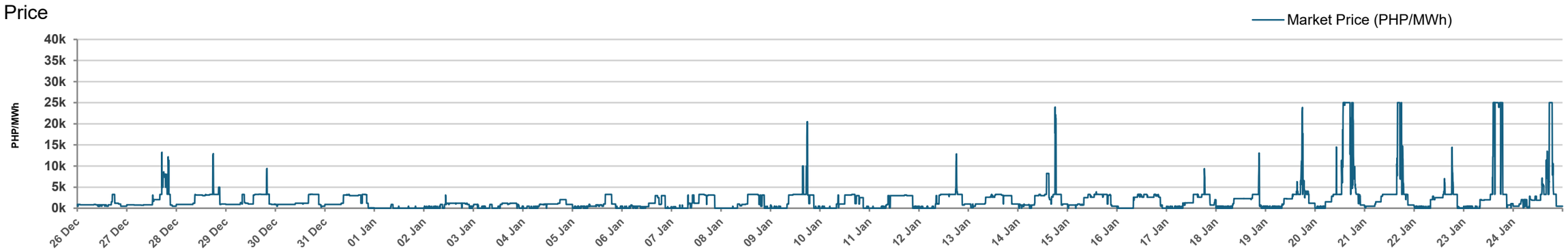
Requirement and Schedule



Offers



Price



PUBLIC

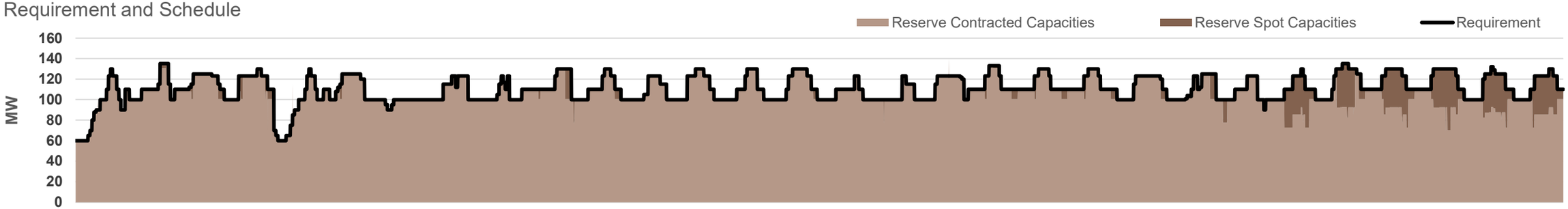
MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

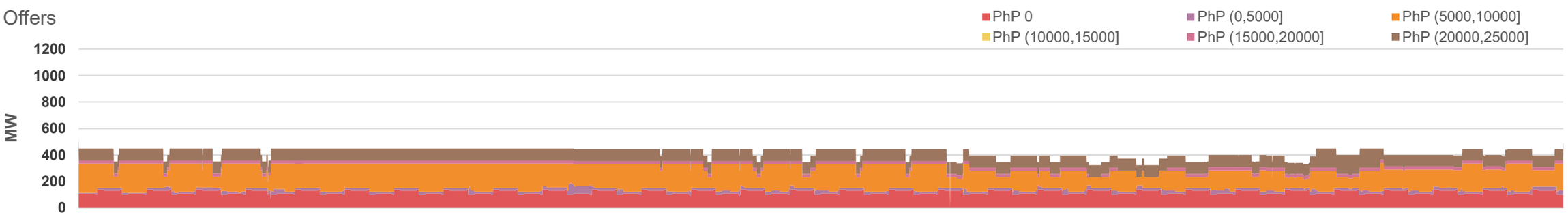
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

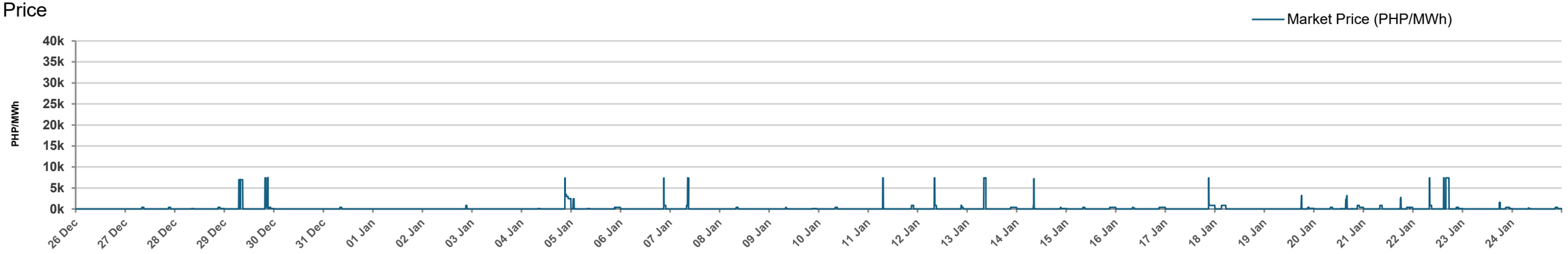
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET

26 December - 25 January 2026

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	24.23	14%	150.14	86%	0.10	0.10	1	0%	50.00%▼	190.00	25,000.00	9,723.20	29.03%▲
Visayas	16.53	43%	22.08	57%	0.05	0.10	647	7%	141.67%▲	990.00	25,000.00	15,267.70	2.57%▲
Mindanao	30.26	75%	9.92	25%	0.01	12.99	4,079	46%	8.35%▼	0.00	25,000.00	23,402.51	48.65%▲
Regulating Down													
Luzon	24.48	14%	149.90	86%	0.00	0.00	0	0%	100.00%▼	450.00	24,500.00	8,754.20	74.68%▲
Visayas	16.53	43%	22.08	57%	0.05	0.10	781	9%	11.04%▲	990.00	25,000.00	15,337.36	12.37%▲
Mindanao	30.27	75%	9.92	25%	0.01	5.39	4,069	46%	8.44%▼	0.00	25,000.00	23,206.93	49.36%▲
Contingency													
Luzon	362.23	60%	240.67	40%	0.10	43.10	53	1%	63.89%▲	0.00	25,000.00	2,056.13	30.65%▲
Visayas	71.58	48%	78.34	52%	0.10	26.40	81	1%	111.63%▲	480.00	25,000.00	7,949.08	15.60%▲
Mindanao	79.05	70%	33.49	30%	0.10	0.10	206	2%	1115.79%▲	0.00	25,000.00	2,053.91	41.98%▼
Dispatchable													
Luzon	294.58	51%	287.03	49%	0.10	0.10	60	1%	6.94%▼	0.00	17,552.79	512.48	37.17%▼
Visayas	0.52	0%	127.89	100%	0.02	84.10	908	10%	4.06%▼	190.00	15,950.00	3,914.42	39.85%▼
Mindanao	105.29	95%	5.27	5%	0.10	0.30	1,928	22%	164.58%▲	0.00	7,500.00	135.49	61.54%▼

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ANNEX
OUTAGE SUMMARY
26 December - 25 January 2026

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	12/8/2025 0:00			Maintenance	Maintenance Outage until December 12 2025.
BAT	01MAGAT_BAT	24	12/5/2025 7:10	12/31/2025 19:39	27	Forced	Affected by planned outage of Magat-Magat Bess 230kV Line.
BIOF	01GIFT_G01	12	1/19/2026 7:00			Planned	APM
BIOF	01GRGOLD_G01	10.8	1/10/2026 12:01			Forced	Trouble at fuel system
BIOF	01LASUER_U01	5.1	12/22/2025 11:20	1/2/2026 7:24	11	Planned	APM until January 2 2026.
BIOF	03BBEC_G01	5	1/25/2026 15:48			Forced	Boiler furnace repair.
COAL	01ANDA_G01	72	11/30/2025 0:18	1/5/2026 1:06	36	Planned	Annual PMS until January 5 2026.
COAL	01MPGC_U01	135	12/28/2025 14:19	12/31/2025 16:49	3	Forced	Trouble on coal crusher
COAL	01MPGC_U02	133	12/28/2025 14:27	1/1/2026 22:16	4	Forced	Trouble on coal crusher
COAL	01MPGC_U03	133	12/28/2025 13:45	1/1/2026 10:24	4	Forced	Trouble on coal crusher
COAL	01MPGC_U04	137	12/28/2025 13:59	1/1/2026 0:01	3	Forced	Trouble on coal crusher
COAL	01MSINLO_G02	322.7	1/18/2026 22:33	1/22/2026 17:25	4	Forced	Boiler waterwall tubeleak.
COAL	01PETRON_G01	35	1/11/2026 20:29			Planned	Planned outage until Feb 12 2026.
COAL	01SUAL_G01	600	1/10/2026 0:33	1/13/2026 8:36	3	Forced	Boiler tube leak.
COAL	01SUAL_G02	600	12/25/2025 3:37			Planned	Planned Outage until January 22 2025
COAL	01SUAL_G02	600	1/24/2026 0:00			Forced	Extended outage.
COAL	03CALACA_G01	239.9	12/16/2025 0:00			Forced	Extended outage until March 1 2026.
COAL	03CALACA_G02	290	12/17/2025 19:59	12/27/2025 15:28	10	Forced	Boiler tube leak
COAL	03CALACA_G02	290	1/4/2026 4:37	1/9/2026 21:44	6	Forced	Excessive vibration on IDF Bravo
COAL	03PAGBIL_G03	420	1/16/2026 0:00			Planned	Planned Outage until February 18 2026.
COAL	03PAGBIL_G03	420	10/31/2025 21:32			Forced	Manually tripped due to fire at tripper area coal dust collector
COAL	03SLPGC_G01	150	12/28/2025 7:55	12/31/2025 9:49	3	Forced	Emergency shutdown due to removal of detached liner plate that was caught in between
COAL	03SLPGC_G02	149.6	1/17/2026 0:00			Planned	Until Feb 10 2026.
COAL	03SLTEC_G02	123	12/26/2025 0:13	1/25/2026 11:39	30	Planned	Planned Outage until February 14 2026.
GEO	03BACMAN_U01	60	1/21/2026 4:03			Forced	Tripped due to activation of condenser level high-high.
GEO	03MKBN_B	58	12/26/2025 0:41			Planned	Planned outage until January 26 2026.
GEO	03MKBN_B	58	1/11/2026 0:18	1/17/2026 22:28	7	Forced	Turbine trip.
GEO	03ORMAT_G01	1.33	11/15/2025 2:22			Forced	Low low Brine out temperature.

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ANNEX
OUTAGE SUMMARY
26 December - 25 January 2026

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
HYD	01AMPHAW_G01	8.3	1/14/2026 4:45	1/14/2026 19:22	1	Forced	Affected by the planned shutdown of La Trinidad-Sablan 69kV line.
HYD	01ANGAT_A	8.85	11/17/2025 8:02	1/1/2026 0:00	45	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A	8.85	1/1/2026 0:00			Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_A	8.9	11/17/2025 8:02	1/1/2026 0:00	45	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A	8.9	1/1/2026 0:00			Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_A	8.85	11/17/2025 8:02	1/2/2026 0:00	46	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A	8.85	1/2/2026 0:00			Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_A	18	11/17/2025 8:02	1/1/2026 0:00	45	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_A	18	1/1/2026 0:00	1/19/2026 14:18	19	Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_M	49.7	10/6/2025 8:00	1/1/2026 0:00	87	Planned	Planned outage until December 31 2025
HYD	01ANGAT_M	49.7	1/1/2026 0:00			Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_M	50	11/17/2025 7:51	1/1/2026 0:00	45	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_M	50	1/1/2026 0:00			Forced	Total Plant Outage until January 17 2026.
HYD	01ANGAT_M	49.8	11/17/2025 7:51	1/1/2026 0:00	45	Planned	Total Plant Outage until December 31 2025
HYD	01ANGAT_M	49.8	1/1/2026 0:00	1/19/2026 17:51	19	Forced	Total Plant Outage until January 17 2026.
HYD	01BAKSIP_G01	12.4	1/14/2026 4:46	1/14/2026 19:40	1	Forced	Affected by the planned shutdown of La Trinidad-Sablan 69kV line.
HYD	01BINENG_G01	19.8	1/14/2026 4:45	1/14/2026 17:03	1	Forced	Affected by the planned shutdown of La Trinidad-Sablan 69kV line.
HYD	01BUTAO_G01	1.3	1/23/2026 19:30	1/24/2026 12:00	1	Forced	Emergency shutdown due to reported drowning incident
HYD	01MATUNO_G01	8.7	9/2/2025 22:06			Forced	Tripped due to clogged trash rack.
HYD	03BOTOCA_G01	0.8	1/19/2026 7:01	1/23/2026 13:47	4	Planned	MOH
HYD	03CALIRY_G01	18.2	1/14/2026 8:00	1/16/2026 14:01	2	Maintenance	Maintenance Outage
HYD	03CALIRY_G01	18.8	1/14/2026 8:00	1/16/2026 14:06	2	Maintenance	Maintenance outage
HYD	03CLBATO_G01	0.3	1/3/2026 8:10	1/6/2026 14:59	3	Forced	Shutdown due to collective fault from syanchronisation device.
NATG	03AVION_U01	47.2	12/26/2025 9:17	1/6/2026 17:20	11	Forced	Tripped root cause to be determined
NATG	03EERI_G01	420.6	10/6/2025 23:59			Forced	Extended Planned Outage(GOMP).
NATG	03EERI_G02	421.9	12/23/2025 23:51			Forced	Until January 10 2026.
NATG	03EERI_G02	421.9	1/11/2026 0:00	1/13/2026 22:54	3	Forced	Extended outage.
NATG	03EERI_G03	419.6	12/23/2025 23:00	1/11/2026 9:36	18	Planned	Unttil January 10 2026.
NATG	03ILIJAN_G01	190	12/15/2025 23:52	1/11/2026 22:37	27	Planned	Planned maintencne outage until January 10 2026.
NATG	03ILIJAN_G01	190	12/15/2025 23:20	1/18/2026 5:23	33	Planned	Planned maintenance outage until January 13 2026.

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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							
NATG	03ILIJAN_G01	190	1/18/2026 8:25	1/18/2026 22:28	1	Forced	Turbine high bearing vibration.
NATG	03ILIJAN_G01	220	12/15/2025 23:39	1/12/2026 2:58	27	Planned	Planned maintenance outage until January 10 2026.
NATG	03ILIJAN_G02	190	12/23/2025 23:21	1/9/2026 1:17	16	Planned	Maintenance outage until January 10 2026.
NATG	03ILIJAN_G02	190	12/23/2025 23:49	1/8/2026 20:43	16	Planned	Maintenance outage until January 10 2026.
NATG	03ILIJAN_G02	190	1/15/2026 23:02	1/16/2026 23:38	1	Forced	Blade path temp variation large tripped
NATG	03ILIJAN_G02	190	1/17/2026 21:45	1/19/2026 1:00	1	Forced	Tripped due to blade path temperature problem
NATG	03ILIJAN_G02	190	1/19/2026 12:42	1/21/2026 2:51	2	Forced	Tripped due to blade path temperature problem
NATG	03ILIJAN_G02	190	1/22/2026 23:59	1/23/2026 15:43	1	Forced	Unplanned shutdown due to rectification of turbine cooling air to drum valve trouble.
NATG	03ILIJAN_G02	220	12/23/2025 23:36	1/8/2026 23:22	16	Planned	Maintenance outage until January 10 2026.
NATG	03STA-RI_G02	263	12/20/2025 4:46	12/27/2025 19:33	8	Planned	Planned outage until December 31 2025
NATG	03STA-RI_G06	265	1/2/2026 23:41			Planned	Planned Outage.Until Feb 16 2026.
OIL	01S_ENRO_G01	13.75	1/17/2026 8:09	1/18/2026 19:30	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T01
OIL	01S_ENRO_G01	13.75	1/15/2026 8:00	1/18/2026 19:30	3	Maintenance	Until January 20 2026.
OIL	01S_ENRO_G01	13.75	1/17/2026 8:09	1/18/2026 19:30	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T01
OIL	01S_ENRO_G01	13.75	1/17/2026 8:09	1/19/2026 21:30	3	Maintenance	Affected by the annual preventive maintenance of their 55MVA T01
OIL	01S_ENRO_G01	13.75	1/24/2026 8:13	1/25/2026 20:05	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T02
OIL	01S_ENRO_G01	13.75	1/24/2026 8:13	1/25/2026 20:05	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T02
OIL	01S_ENRO_G01	13.75	1/24/2026 8:13	1/25/2026 20:05	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T02
OIL	01S_ENRO_G01	13.75	1/24/2026 8:13	1/25/2026 20:05	1	Maintenance	Affected by the annual preventive maintenance of their 55MVA T02
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
OIL	03RCBMI_G01	5.5	12/3/2025 16:03			Forced	Defective SF6 on PCB.
OIL	03RCBMI_G02	5.5	1/4/2026 17:50	1/5/2026 14:45	1	Forced	Excessive fuel leak at cylinder A2
SOLR	01GIGSOL_G01	50.5	12/22/2025 18:29			Forced	Reccuring Inverter 2A AC Maintenance
Visayas							
BAT	04TONGO_BAT	14.2	12/22/2025 16:20			Forced	transformer differential protection (87T) activation. (Under test and commissioning)
BAT	06KABAN_BAT	30	1/18/2026 23:01	1/21/2026 9:01	2	Forced	Cut-out for prev and cor maint of 138kV Substation Inverters and Control system.
BIOF	06BISCOM_G01	12.7	12/31/2025 22:30	1/4/2026 22:30	4	Forced	To conduct maintenance.

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OUTAGE SUMMARY
26 December - 25 January 2026

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
BIOF	06CABI_G01	12	12/31/2025 14:35	1/5/2026 9:54	5	Forced	Holiday break.
BIOF	06FFHC_G01	9	12/29/2025 8:49	1/6/2026 23:13	9	Forced	weekly maintenance
BIOF	06HPCO_G01	2	11/12/2023 20:00			Forced	Defective auxiliary of vibration meter.
BIOF	06HPCO_G02	9.5	1/11/2026 9:11	1/12/2026 20:37	1	Forced	Shutdown due to weekly maintenance.
BIOF	06HPCO_G02	9.5	1/18/2026 20:48	1/20/2026 8:06	1	Forced	Weekly maintenance
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	1/1/2026 7:58			Forced	Shutdown due to unavailability of cane for milling.
BIOF	08CASA_G01	8	12/31/2025 15:26	1/5/2026 8:27	5	Forced	Shutdown due to non-delivery of sugarcane during the New Year holiday.
BIOF	08CASA_G02	7	1/11/2026 23:48	1/13/2026 8:32	1	Forced	Shutdown due to insufficient delivery of sugarcane
COAL	05KSPC_G01	103	1/23/2026 23:38			Forced	Furnace draft pressure high high indication due to tube leak
COAL	05KSPC_G02	103	1/10/2026 0:02			Planned	Planned Outage GOMP
COAL	05KSPC_G02	103	12/25/2025 21:58	12/30/2025 8:06	4	Forced	Due to boiler tube leak
COAL	05THVI_U01	169	1/20/2026 10:07	1/21/2026 17:40	1	Forced	trip indication under investigation
COAL	05THVI_U02	169	1/11/2026 0:06			Planned	Unit PMS (GOMP)
COAL	08PEDC_U01	83.7	1/12/2026 4:04	1/18/2026 17:40	7	Forced	Auto-tripped due to tube leak at the furnace.
COAL	08PEDC_U02	83.7	1/20/2026 14:23	1/21/2026 18:25	1	Forced	Ongoing investigation of the root cause of outage.
COAL	08PEDC_U03	150	12/26/2025 0:33	1/23/2026 21:28	29	Planned	PMS
GEO	04BILGPP_G01	1	10/5/2024 4:39			Forced	Turbine high vibration trip
GEO	04LEYTE_A	23.463	12/3/2025 17:58			Forced	Safety Turbine Trip
GEO	04LEYTE_A	13.35	10/13/2025 8:48			Forced	Due to AVR fault.
GEO	04LEYTE_A	6.348	10/31/2025 11:20	1/23/2026 19:44	84	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	41	8/1/2025 0:32	1/19/2026 18:16	172	Forced	Emergency shutdown
GEO	06BBGPP_G01	4.7	9/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
GEO	06PAL1A_U02	34.8	1/16/2026 10:02			Forced	Emergency shutdown to conduct inspection and troubleshooting of vibration at turbine rotor bearing.
GEO	06PAL1A_U03	35.3	1/16/2026 0:02			Maintenance	conduct turbine unit overhauling and reconditioning.
HYD	08SUWECO_G01	0.9	10/3/2025 6:29			Forced	Engine overspeed
OIL	04IASMOD_G05	15	1/19/2026 8:02	1/20/2026 18:09	1	Planned	PMS

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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							
OIL	05CARMENDPP_U03	10	12/31/2025 0:00	1/1/2026 0:38	1	Forced	Extended GOMP
OIL	05CARMENDPP_U03	10	12/1/2025 0:01	12/31/2025 0:00	30	Maintenance	Unit out due to PMS
OIL	05CARMENDPP_U04	10	8/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining
OIL	05CPPC_U03	6.5	1/20/2026 10:24	1/21/2026 13:02	1	Forced	unable to cut-in due to water leak
OIL	05CPPC_U05	6.5	1/23/2026 7:35	1/25/2026 21:23	3	Forced	Unit normally stop due to cut-off stud bolt cylinder head B1.
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_U01	6	1/23/2026 12:13			Forced	Unable to start due to excessive water leak culinder 3R
OIL	08STBPB1_U02	6	1/11/2026 13:10	1/22/2026 17:47	11	Forced	tripped due to activation of BECOMS safety protection
Mindanao							
BAT	13MALITA_BAT	20	12/27/2025 13:06	12/28/2025 11:51	1	Forced	NON GOMP Shutdown. (Maintenance Outage)
BIOF	11CRYSSUG_G01	8	12/28/2025 0:00	12/29/2025 8:00	1	Forced	Shutdown Fuel conservation due to factory weekend shutdown.OMC Outage
BIOF	11CRYSSUG_G01	8	1/25/2026 0:00			Forced	Shut down. Fuel conservation due to the factory weekend shutdown schedule. (OMC Outage)
BIOF	11CRYSSUG_G01	8	1/2/2026 23:20			Forced	Sugar milling stopped due to zero sugarcane delivery leading to zero available fuel to supply boilers. (OMC Outage)
BIOF	11CRYSSUG_G01	8	1/11/2026 0:00	1/12/2026 17:45	2	Forced	Shutdown due to factory equipment maintenance. ETD 0800H Jan. 12 2026. (Maintenance Outage)
BIOF	14BIOGS_G01	12.4	1/1/2026 0:45	1/6/2026 18:00	6	Forced	Plant tripped due to MVSG problem. (Forced Outage)
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	1/1/2026 5:30	1/3/2026 7:47	2	Forced	Turbine tripped. For further investigation. (Forced Outage)
COAL	10GNPK_U02	138	1/15/2026 0:03	1/24/2026 21:03	10	Maintenance	Shutdown for corrective maintenance. ETC Jan. 24 2026 at 2359H. (Unplanned Outage Non-GOMP).
COAL	10PPEI_U01	24.1	1/1/2026 1:06	1/17/2026 10:30	16	Forced	Plant tripped due to Coal Feeder problem. (Forced Outage)
COAL	10PPEI_U01	24.1	1/19/2026 5:15			Forced	Plant shutdown due to tripped coal feeders 1 & 2. (Forced Outage)
COAL	11FDC_U02	135	1/20/2026 23:03			Forced	Emergency shutdown for possible oil leak. Unplanned Outage
COAL	11MINBAL_G01	50	1/23/2026 22:27			Forced	Emergency S D due to suspected boiler tube leak. (Forced Outage)
COAL	11MINBAL_G01	50	1/6/2026 1:12			Planned	PMS (GOMP). ETC January 11 2026. (Planned Outage)
COAL	11MINBAL_G01	50	1/11/2026 22:01	1/14/2026 5:55	2	Forced	Still on shutdown due to Turbine Lube Oil Replacement. ETC January 14 2026 at 2200H
COAL	11STEAG_U01	105	1/24/2026 22:50			Forced	Emergency shutdown due to Boiler tube leak. (Forced Outage)
COAL	13SMC_U01	133.1	1/25/2026 22:01			Planned	Shutdown for PMS(GOMP). ETC February 15 2026. (Planned Outage)

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Mindanao							
COAL	14SARANG_U01	122	1/8/2026 13:15	1/13/2026 1:11	4	Forced	Emergency shutdown (gradual unloading) due to possible boiler tube leak. (Forced
COAL	14SARANG_U01	122	1/19/2026 9:57	1/20/2026 15:54	1	Forced	Emergency shutdown due to suspected boiler tube leak. (Forced Outage)
COAL	14SARANG_U02	122	1/25/2026 14:00			Forced	Shutdown for PMS(Non-GOMP). ETC January 28 2026. (Maintenance Outage)
GEO	14MTAPO_U03	3.6	1/12/2026 17:49	1/15/2026 22:32	3	Forced	Tripped due to Auto-closing of Brine Bypass
HYD	10AGUS1_U02	35	12/22/2025 8:02	12/30/2025 14:53	8	Planned	Shutdown. PMS-GOMP. ETC Dec.31 2025 23 59H (Planned Outage)
HYD	10AGUS2_U01	60	12/29/2025 5:10	12/30/2025 10:12	1	Forced	Auto-tripped. Indication Governor PLC program fault. (Forced Outage)
HYD	10AGUS4_U01	52.7	10/4/2025 19:01			Forced	Autotripped. Indication Transformer Differential (87T) & Lock-out. (Forced Outage)
HYD	10AGUS5_U01	27.5	1/16/2026 8:08	1/18/2026 21:01	3	Forced	Maintenance Shutdown. ETC Jan. 19 2026 at 0800H (Unplanned Outage Non-GOMP).
HYD	10AGUS6_U03	50	12/23/2025 23:22			Forced	Emergency S D due to a sudden increase in oil temp. at the upper guide bearing. (Forced
HYD	13TALOM23_G01	0.2	1/20/2026 19:02			Forced	Plant isolated affected by tripping of DLPC Tugbok Feeder 3. (OMC Outage
HYD	14ALMADA_G01	2.6	11/25/2025 2:47			Forced	Plant isolated affected by COTELCO PPalma power outage. (OMC Outage)
HYD	14MARBEL_U01	0.5	1/3/2026 13:03	1/5/2026 17:20	2	Forced	Plant stop operation due to NIA intake shutdown.
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. (Forced Outage)
OIL	12KEGGIN_G01	10.6	4/15/2024 15:05			Forced	Failed to synchronize due to low SF6 Pressure on PCB. (Forced 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_U01	50	1/13/2026 0:00	1/18/2026 23:51	6	Planned	PMS(GOMP). ETC January 19 2026 (Planned Outage)
OIL	12TM2_U02	50	1/19/2026 4:26	1/24/2026 19:09	6	Planned	PMS(GOMP). ETC January 25 2026 (Planned Outage)
OIL	13MAGDBNK_U01	4.6	1/5/2026 0:01	1/11/2026 15:24	7	Planned	PMS(GOMP). ETC Jan 12 2026. (Planned Outage)
OIL	13MAGDBNK_U02	4.6	1/12/2026 0:01	1/17/2026 14:45	6	Planned	PMS(GOMP). (Planned Outage)
OIL	13MAGDBNK_U03	4.6	1/19/2026 0:00	1/24/2026 14:58	6	Planned	PMS(GOMP). ETC January 25 2026 (Planned Outage)
OIL	13TM1_U01	49	1/21/2026 17:26	1/22/2026 23:01	1	Forced	On emergency shutdown due to Exhaust gas high temperature. (Forced Outage)

PUBLIC

ANNEX
CONGESTED LINES AND EQUIPMENTS

26 December - 25 January 2026

Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
5DAAN_4TAB2	1729	19.4%
LEYTE_TO_CEBU	487	5.5%
5DAAN_4TAB1	414	4.6%
DASMA_CORR	333	3.7%
1BOTOL_TR2	62	0.7%
1SUP_TR1	16	0.2%
1BAUA_1LAT2	9	0.1%
1BAUA_1LAT1	7	0.1%
2QUEZON_TR1	5	0.1%
14SARANG_TR1	4	0.04%
5CEBU_TR2	2	0.02%
13MATA_13TOR1	2	0.02%
6KABAN_TR2	1	0.01%
5CEBU_TR3	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)

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, S

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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