MONTHLY MARKET STATISTICS

MARCH 2025

(26 February to 25 March 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 February - 25 March 2025

Total Registered Capacity (MW)

29,861 0.02%▼

Previous Month: 29,867

Average Demand (MW)

13,802 5.91%▲

Previous Month: 13,033

Average Capacity Offered/Nominated (MW)

19,487 65.26% of the total Registered Capacity

Previous Month: 20,472

Average Capacity Not Offered/Nominated (MW)

4,791 16.05% of the total Registered Capacity

Previous Month: 4,774

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

5,634 100.74%▲

Previous Month: 2,806

Average Capacity of Plants on Commissioning (MW)

744 2.49% of the total Registered Capacity

Previous Month: 1,145

Average Capacity on Outage (MW)

4,823 16.15% of the total Registered Capacity

Previous Month: 3,531

Average Effective Supply (MW)

16,656 4.30%▲

Previous Month: 15,969

Market Structure (Concentration - HHI)

Not Concentrated

Previous Month: Not Concentrated

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MARKET OUTCOME
REGIONAL AT A GLANCE
26 February - 25 March 2025

Philippine Electricity Market Corporation

Luzon

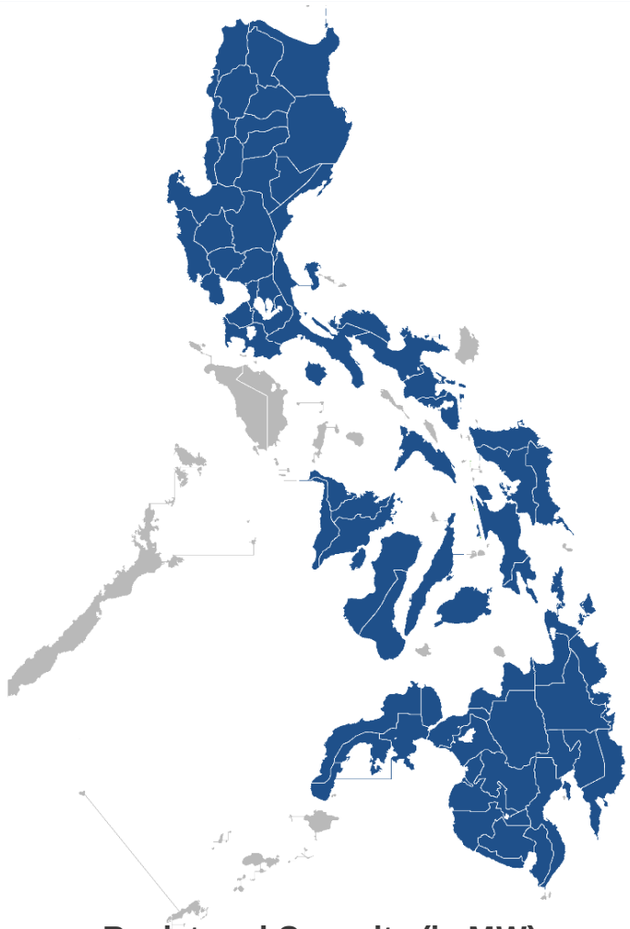
Total Registered Capacity (MW)	21,808.10
Average Effective Supply (MW)	11,690.00
Average Demand (MW)	9,843.31

Visayas

Total Registered Capacity (MW)	3,714.90
Average Effective Supply (MW)	2,348.14
Average Demand (MW)	1,913.94

Mindanao

Total Registered Capacity (MW)	4,338.00
Average Effective Supply (MW)	2,617.36
Average Demand (MW)	2,045.01



Zones	LWAP	Month-on-Month % Change
Northern Luzon	5,834.60	86.13%▲
Metro Manila	5,758.56	82.21%▲
Southern Luzon	5,531.40	77.97%▲
Bohol	5,827.09	75.60%▲
Cebu	5,720.48	72.86%▲
Leyte	5,908.25	78.02%▲
Negros	5,705.17	75.80%▲
Panay	5,861.99	73.81%▲
Lanao	4,276.36	67.24%▲
North Central	4,500.08	71.72%▲
North-East	4,959.69	72.93%▲
North-West	5,073.89	72.28%▲
South-East	4,687.75	71.54%▲
South-West	4,812.13	70.76%▲

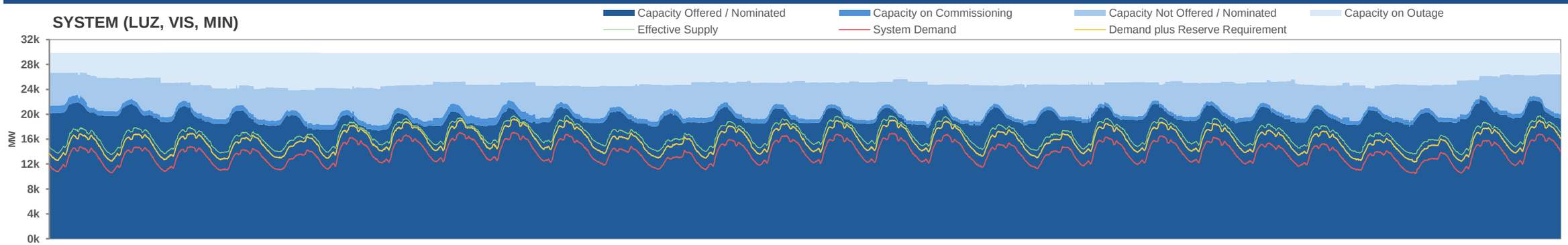
Registered Capacity (in MW)

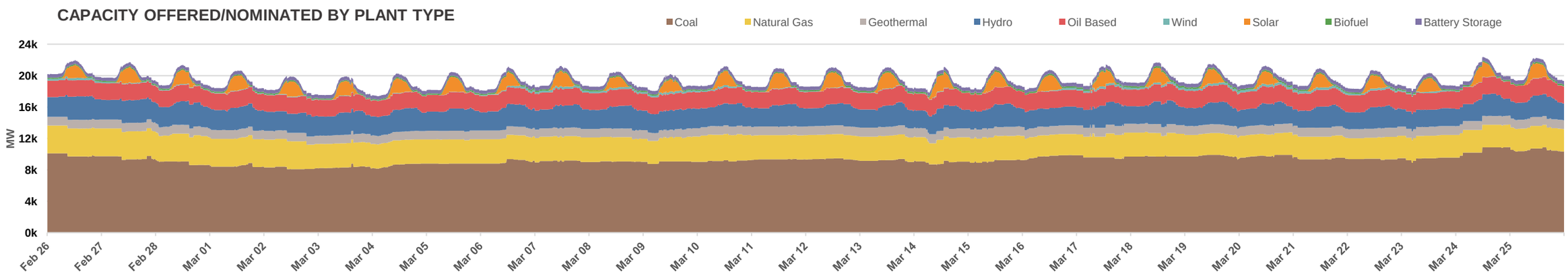
	COAL	NATGAS	GEO	HYDRO	OIL-BASED	WIND	SOLAR	BIOFUEL	BESS
Luzon	8,917.90	4,574.90	819.70	2,557.10	1,680.60	465.80	2,222.00	155.60	414.50
Visayas	1,329.70	-	857.00	66.30	489.70	102.80	564.80	194.60	110.00
Mindanao	2,254.60	-	105.00	1,162.20	589.50	-	67.20	59.50	100.00

PUBLIC

MARKET OUTCOME
CAPACITY PROFILE
26 February - 25 March 2025

Philippine Electricity Market Corporation





Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Effective Supply						
System	13,482.19	3/24/2025 4:00	19,802.71	3/7/2025 13:55	16,655.51	4.30%▲
Luzon	9,096.88	2/27/2025 3:50	14,215.53	3/25/2025 14:55	11,528.61	3.79%▲
Visayas	1,765.51	3/24/2025 4:25	2,708.10	3/12/2025 11:20	2,163.40	5.08%▲
Mindanao	2,402.63	2/26/2025 2:20	3,514.30	3/19/2025 18:40	2,963.49	5.74%▲
Demand Plus Reserve Requirement						
System	12,303.84	3/23/2025 7:00	19,247.94	3/6/2025 14:50	15,779.15	5.80%▲
Luzon	8,610.86	3/23/2025 6:55	13,994.68	3/6/2025 14:25	11,234.20	6.81%▲
Visayas	1,667.53	3/24/2025 3:50	2,745.42	3/7/2025 14:05	2,230.45	2.26%▲
Mindanao	1,743.02	3/1/2025 3:50	2,881.06	3/14/2025 15:55	2,314.50	4.44%▲

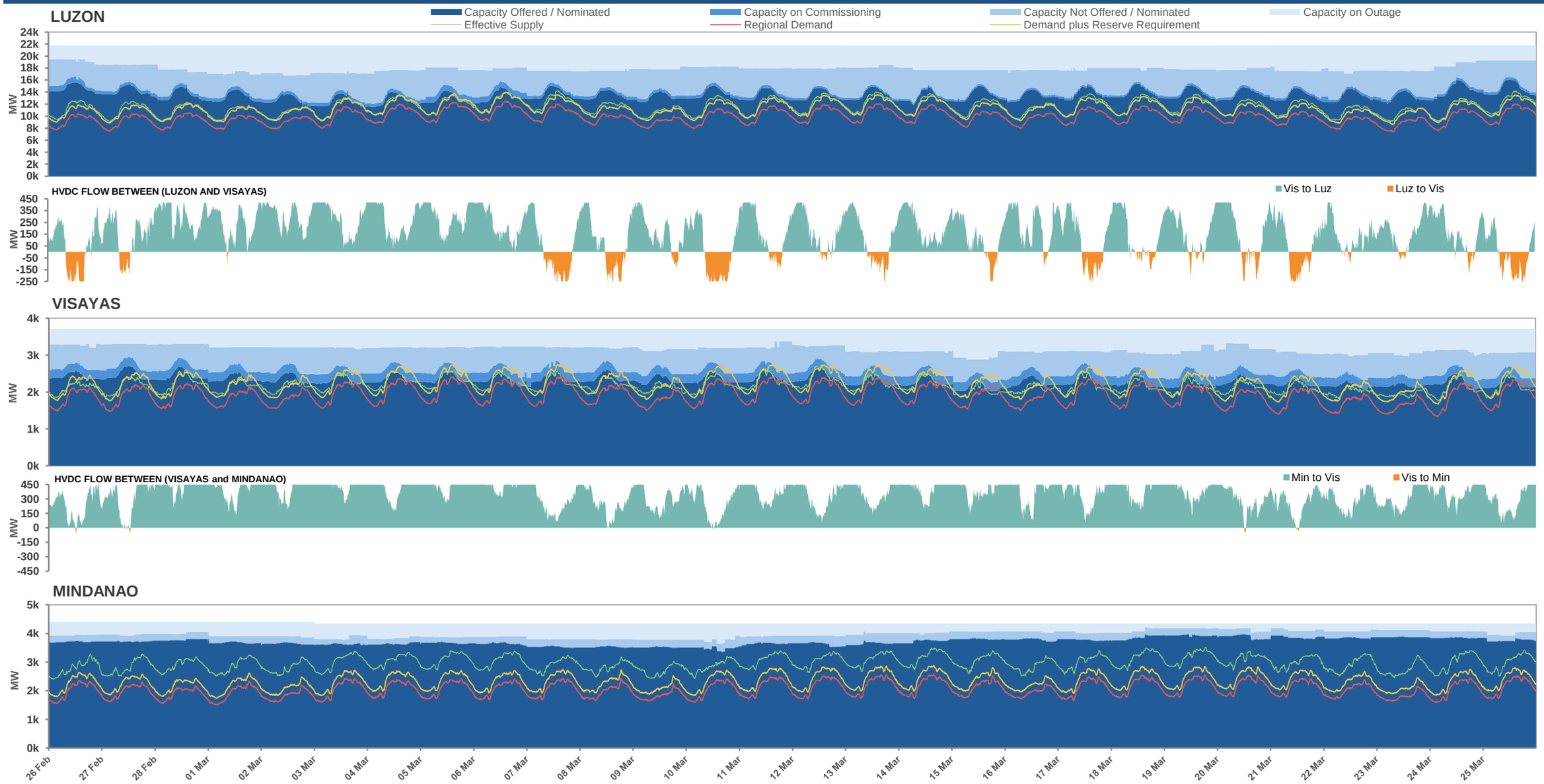
Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Capacity Offered/Nominated						
Coal	8,089.60	3/2/2025 10:15	10,897.10	3/25/2025 0:05	9,281.30	8.97%▼
Natural Gas	2,592.00	3/18/2025 13:35	3,806.30	2/28/2025 16:50	3,078.96	9.06%▼
Geothermal	951.10	3/9/2025 11:10	1,168.40	3/19/2025 0:05	1,108.50	2.00%▲
Hydro	2,079.10	3/21/2025 0:05	3,057.60	2/28/2025 18:25	2,565.09	3.79%▲
Oil Based	1,948.50	3/3/2025 19:50	2,201.00	3/19/2025 22:00	2,122.88	1.89%▲
Wind	7.20	3/25/2025 4:50	326.10	3/20/2025 17:10	143.17	25.39%▼
Solar	0.00	2/26/2025 0:05	2,054.40	3/13/2025 12:20	567.64	24.10%▲
Biofuel	109.20	3/10/2025 13:15	227.20	3/18/2025 14:00	169.44	4.32%▲
Battery Storage	388.40	2/26/2025 16:05	470.40	3/20/2025 0:05	450.39	3.42%▲

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MARKET OUTCOME
CAPACITY PROFILE

26 February - 25 March 2025

Philippine Electricity Market Corporation



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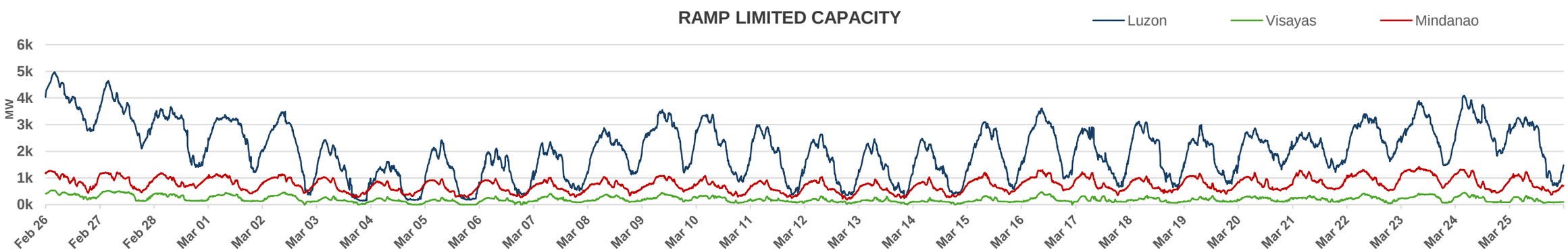
MARKET OUTCOME
CAPACITY PROFILE
26 February - 25 March 2025

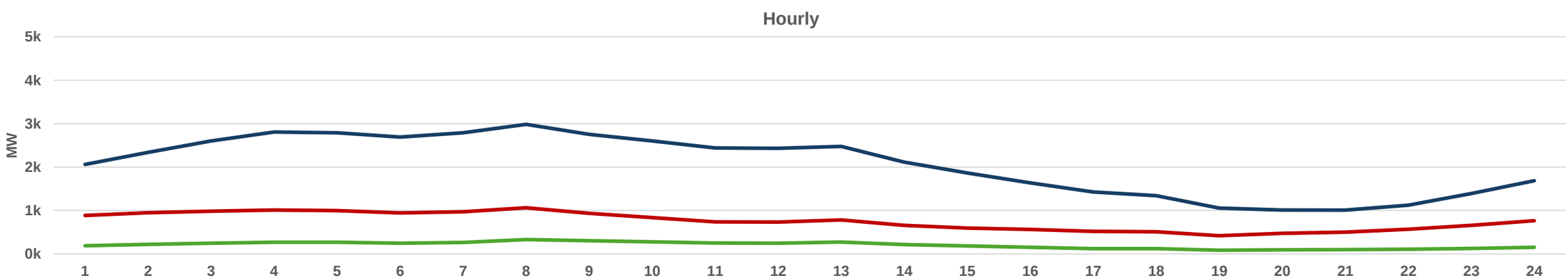
Philippine Electricity Market Corporation

HVDC Flow	Min (in MW)	Max (in MW)	Percent of Time	Month-on-Month %Change
Luz-Vis	0.16	420.00	78%	53.77%▲
Vis-Luz	-250.00	-0.67	21%	55.85%▼
Vis-Min	-74.00	-1.24	1%	76.16%▼
Min-Vis	0.01	450.00	99%	2.44%▲

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

Particulars	Min (in MW)	Min Date and time Interval	Max (in MW)	Max Date and time Interval	Ave (in MW)	Month-on-Month %Change
Ramp Limited Capacity						
System	-	1/0/1900 0:00	6,726.58	2/26/2025 4:05	2,721.52	44.76%▼
Luzon	144.00	3/3/2025 20:25	4,972.26	2/26/2025 4:05	2,059.03	45.32%▼
Visayas	-	3/3/2025 18:20	532.00	2/26/2025 2:55	202.05	40.39%▼
Mindanao	182.39	3/12/2025 18:45	1,420.00	3/23/2025 8:05	752.03	8.47%▼





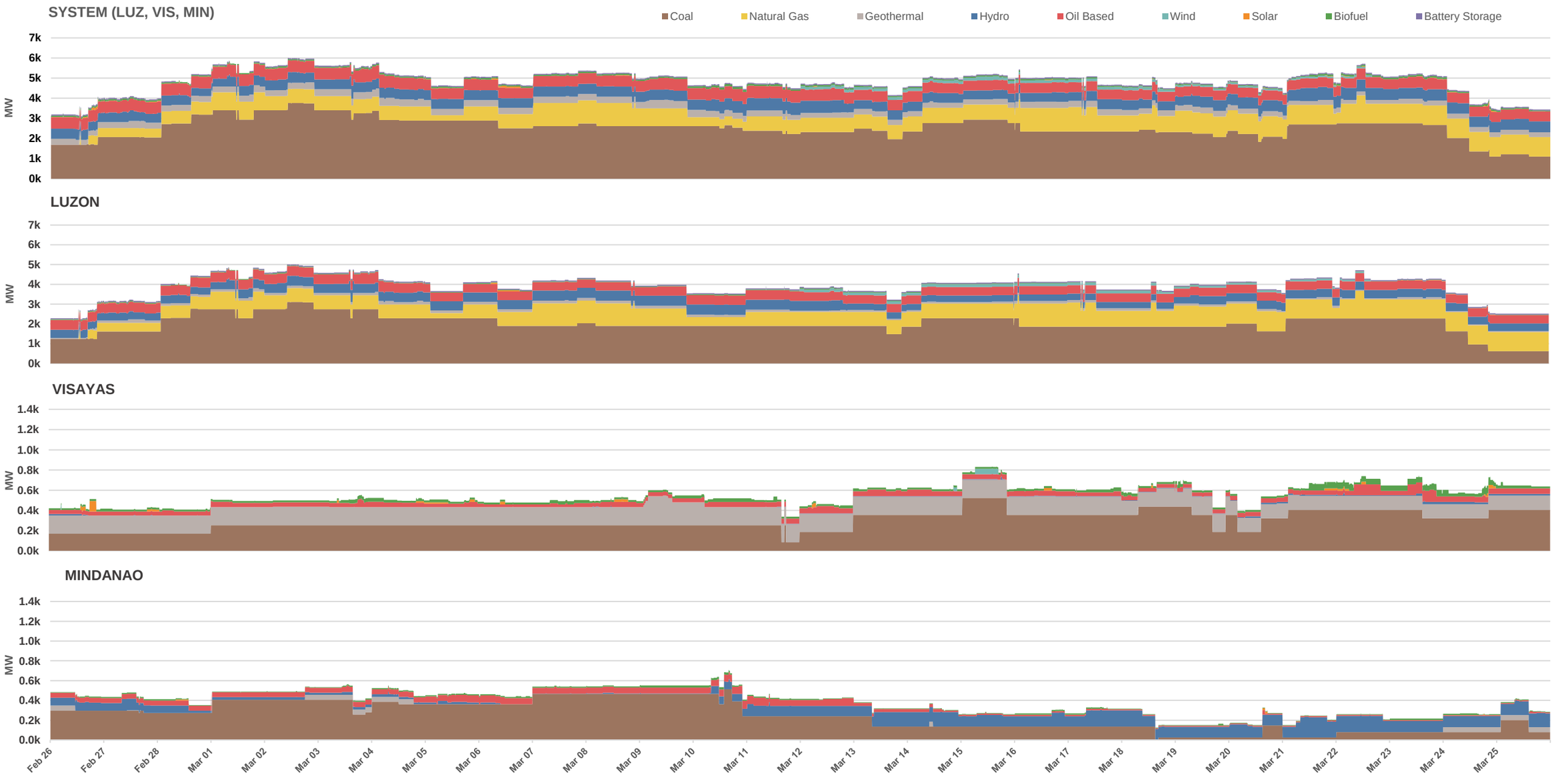
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MARKET OUTCOME

OUTAGE BY PLANT TYPE

26 February - 25 March 2025

Philippine Electricity Market Corporation



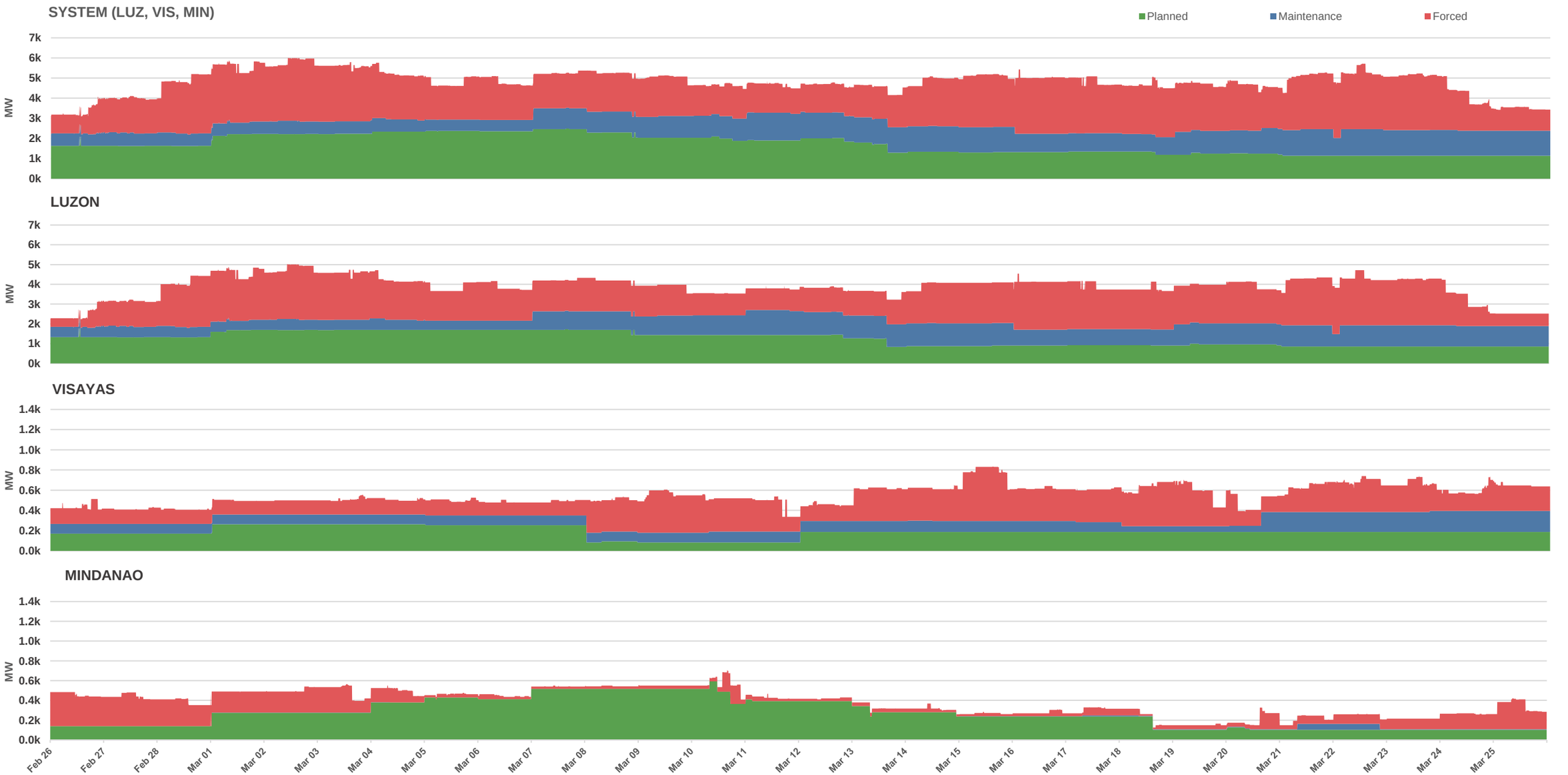
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MARKET OUTCOME

OUTAGE BY CATEGORY

26 February - 25 March 2025

Philippine Electricity Market Corporation



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MARKET OUTCOME
OUTAGE SUMMARY
26 February - 25 March 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	1,099.80	3/24/2025 20:45	3,768.10	3/2/2025 10:15	2,530.99	45.41%▲
Natural Gas	263.00	3/5/2025 2:30	1,390.60	3/22/2025 9:15	818.99	101.07%▲
Geothermal	188.40	3/21/2025 7:55	428.85	3/9/2025 11:00	285.84	9.74%▲
Hydro	385.60	2/28/2025 14:05	652.30	3/21/2025 10:15	510.72	4.90%▼
Oil Based	479.60	3/17/2025 17:55	683.30	3/3/2025 19:50	535.41	8.48%▼
Wind	13.20	2/26/2025 5:25	182.90	3/15/2025 6:40	114.81	137.01%▲
Solar	8.20	3/24/2025 17:55	114.10	2/26/2025 18:20	22.42	79.71%▲
Biofuel	38.10	3/18/2025 8:10	109.10	3/11/2025 12:25	63.64	12.41%▼
Battery Storage	50.00	2/26/2025 0:05	50.00	2/26/2025 0:05	50.00	0.67%▼

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	616.00	3/24/2025 20:45	3,109.00	3/2/2025 10:15	1,995.34	55.14%▲
Natural Gas	263.00	3/5/2025 2:30	1,390.60	3/22/2025 9:15	818.99	101.07%▲
Geothermal	47.70	3/21/2025 0:05	194.20	3/4/2025 20:35	103.87	49.04%▲
Hydro	327.50	3/12/2025 19:35	616.60	3/3/2025 14:00	423.23	2.44%▲
Oil Based	430.00	2/26/2025 0:05	549.00	3/3/2025 23:15	449.39	8.80%▼
Wind	50.00	3/18/2025 16:55	130.00	3/11/2025 9:05	112.47	124.95%▲
Solar	9.10	2/26/2025 0:05	60.00	3/6/2025 5:35	16.76	84.12%▲
Biofuel	13.50	3/17/2025 0:05	48.70	2/27/2025 9:05	27.81	45.46%▲
Battery Storage	50.00	2/26/2025 0:05	50.00	2/26/2025 0:05	50.00	

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Coal	83.10	3/11/2025 16:00	524.10	3/15/2025 0:55	295.01	41.07%▲
Natural Gas	-		-			
Geothermal	140.70	3/18/2025 0:05	294.65	3/9/2025 11:00	173.77	3.13%▼
Hydro	0.40	3/6/2025 14:15	32.10	3/23/2025 15:30	6.19	58.83%▼
Oil Based	27.00	3/6/2025 2:50	120.00	3/23/2025 18:05	47.83	50.36%▲
Wind	13.20	2/26/2025 5:25	52.90	3/15/2025 6:40	50.49	5.24%▲
Solar	14.50	3/4/2025 20:25	105.00	2/26/2025 18:20	26.82	0.82%▲
Biofuel	18.90	2/26/2025 0:05	84.40	3/24/2025 21:10	26.09	43.20%▼
Battery Storage	-	#N/A	-	#N/A	#DIV/0!	

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	3/18/2025 16:30	513.30	3/10/2025 13:55	241.13	1.69%▼
Natural Gas	-		-			
Geothermal	3.60	2/27/2025 10:25	51.40	2/26/2025 0:05	47.63	19.56%▲
Hydro	0.50	3/5/2025 5:10	209.10	3/21/2025 9:55	82.66	24.06%▼
Oil Based	10.60	3/14/2025 16:25	81.00	3/10/2025 20:30	38.19	36.80%▼
Wind	-		-			
Solar	8.20	3/24/2025 17:55	20.00	3/20/2025 15:10	12.46	
Biofuel	5.70	2/26/2025 0:05	23.10	3/10/2025 9:20	9.74	28.22%▲
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	1,142.60	3/21/2025 0:05	2,495.70	3/7/2025 14:50	1,704.31	0.99%▲
Maintenance	559.80	3/4/2025 20:30	1,374.80	3/10/2025 23:55	983.27	120.85%▲
Forced	881.53	2/26/2025 11:15	3,242.00	3/22/2025 11:35	2,135.23	52.75%▲

Luzon

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	831.50	3/13/2025 15:10	1,772.20	2/26/2025 12:45	1,249.06	2.74%▼
Maintenance	463.00	3/4/2025 20:30	1,266.50	3/10/2025 23:55	861.33	139.77%▲
Forced	430.00	2/26/2025 0:05	2,839.10	3/16/2025 1:50	1,781.88	83.59%▲

Visayas

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	83.10	3/8/2025 0:15	262.10	3/1/2025 0:35	187.73	5.96%▲
Maintenance	57.50	3/18/2025 0:05	208.50	3/23/2025 18:05	116.36	35.52%▲
Forced	129.10	3/6/2025 2:50	537.95	3/15/2025 14:05	246.83	12.18%▲

Mindanao

Particulars	Min		Max		Ave	Month-on-Month %Change
	(in MW)	Date and time Interval	(in MW)	Date and time Interval	(in MW)	
Planned	103.00	3/18/2025 15:10	592.00	3/10/2025 8:05	267.52	18.25%▲
Maintenance	2.60	3/1/2025 0:40	59.30	3/21/2025 8:05	10.91	202.98%▲
Forced	16.30	3/14/2025 16:25	344.93	2/26/2025 10:05	106.52	48.60%▼

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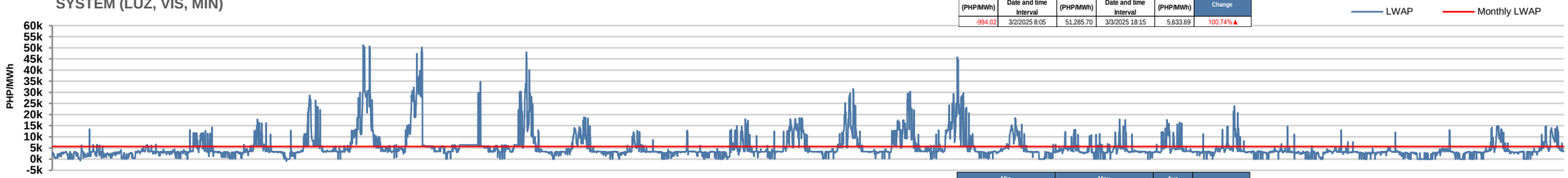
MARKET OUTCOME
MARKET PRICE

26 February - 25 March 2025

Philippine Electricity Market Corporation

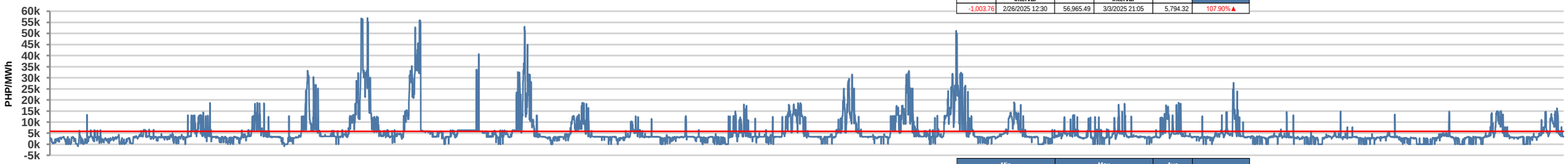
SYSTEM (LUZ, VIS, MIN)

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-994.02	3/2/2025 8:05	51,285.70	3/3/2025 18:15	5,633.69	100.74%▲



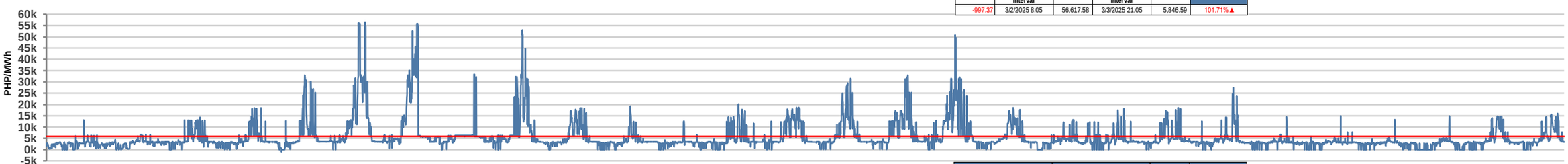
LUZON

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,003.76	2/26/2025 12:30	56,965.49	3/3/2025 21:05	5,794.32	107.90%▲



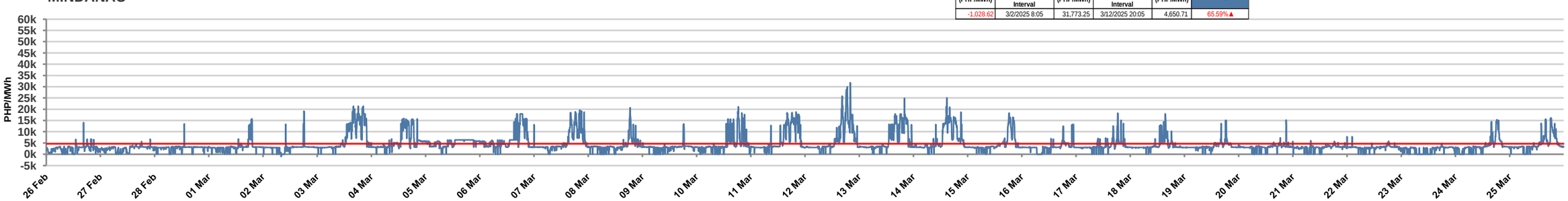
VISAYAS

Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-997.37	3/2/2025 8:05	56,617.58	3/3/2025 21:05	5,846.59	101.71%▲



MINDANAO

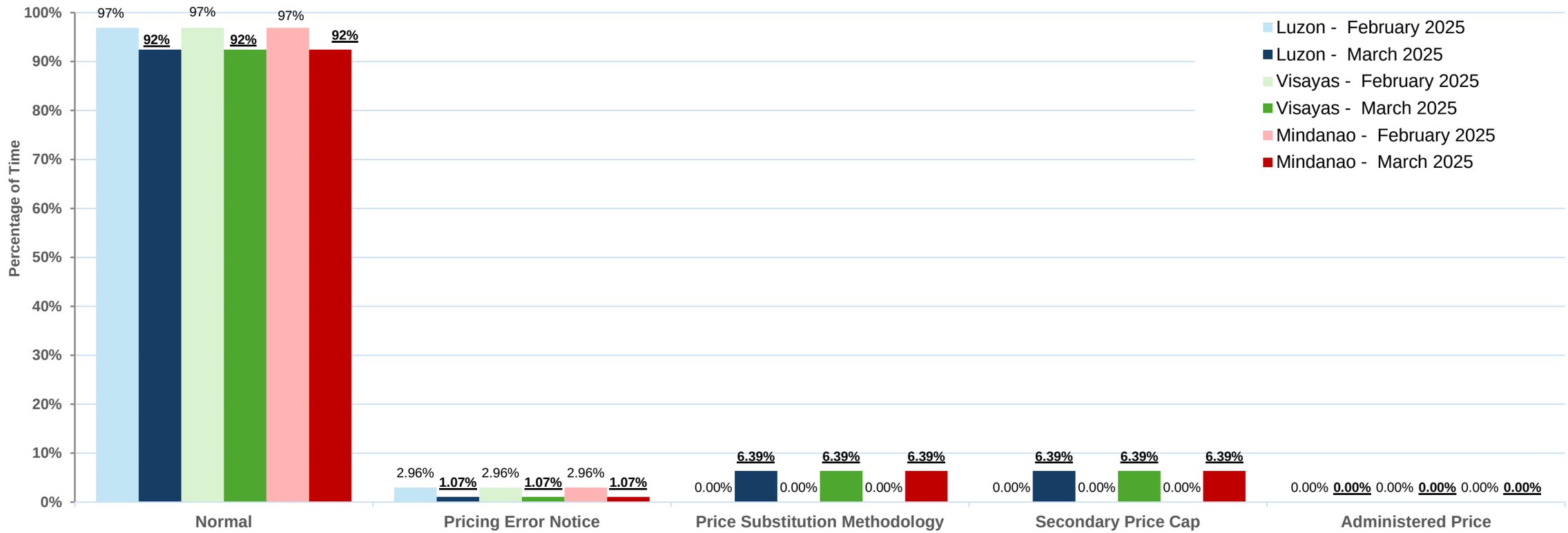
Min		Max		Ave	Month-on-Month % Change
(PHP/MWh)	Date and time Interval	(PHP/MWh)	Date and time Interval	(PHP/MWh)	
-1,028.62	3/2/2025 8:05	31,773.25	3/12/2025 20:05	4,650.71	65.59%▲



PUBLIC

MARKET OUTCOME
PRICING CONDITION
26 February - 25 March 2025

Philippine Electricity Market Corporation



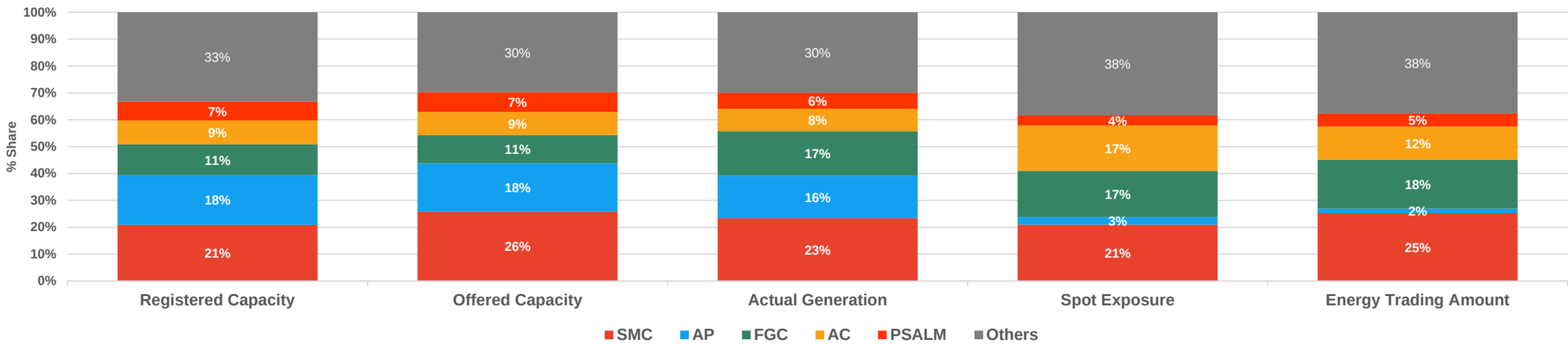
		Normal		Pricing Error Notice		Price Substitution Methodology		Secondary Price Cap		Administered Price	
Region/Grid	Billing Month	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%	Count/Total No. of Trading Interval/s	%
Luzon	February 2025	8,652	96.91%	264	2.96%	12	0.13%	0	0.00%	0	0.00%
	March 2025	7,453	92.42%	86	1.07%	10	0.12%	515	6.39%	0	0.00%
Visayas	February 2025	8,652	96.91%	264	2.96%	12	0.13%	0	0.00%	0	0.00%
	March 2025	7,453	92.42%	86	1.07%	10	0.12%	515	6.39%	0	0.00%
Mindanao	February 2025	8,652	96.91%	264	2.96%	12	0.13%	0	0.00%	0	0.00%
	March 2025	7,453	92.42%	86	1.07%	10	0.12%	515	6.39%	0	0.00%

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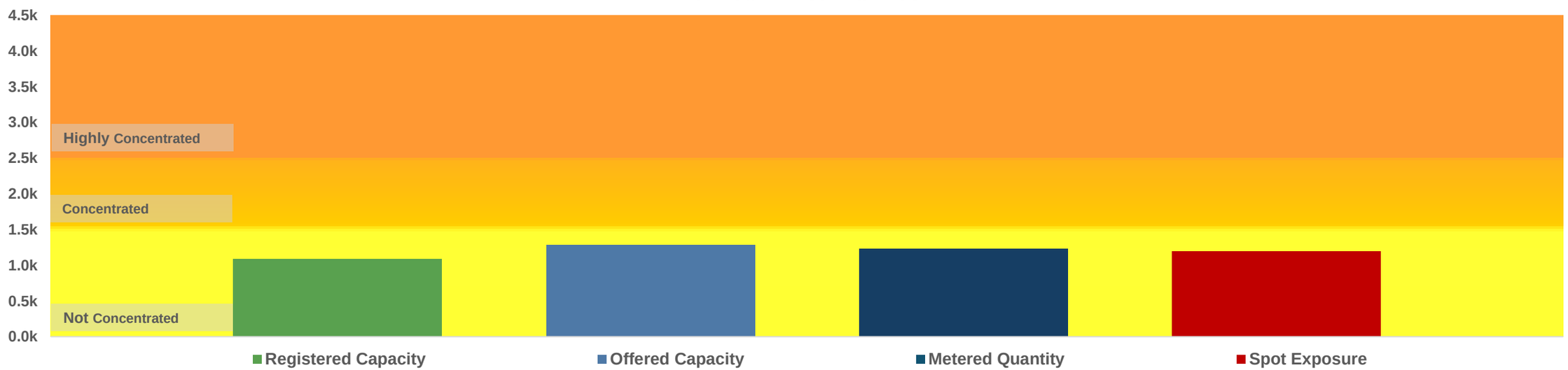
MARKET OUTCOME
STRUCTURAL COMPETITION
26 February - 25 March 2025

Philippine Electricity Market Corporation

SYSTEM MARKET SHARE



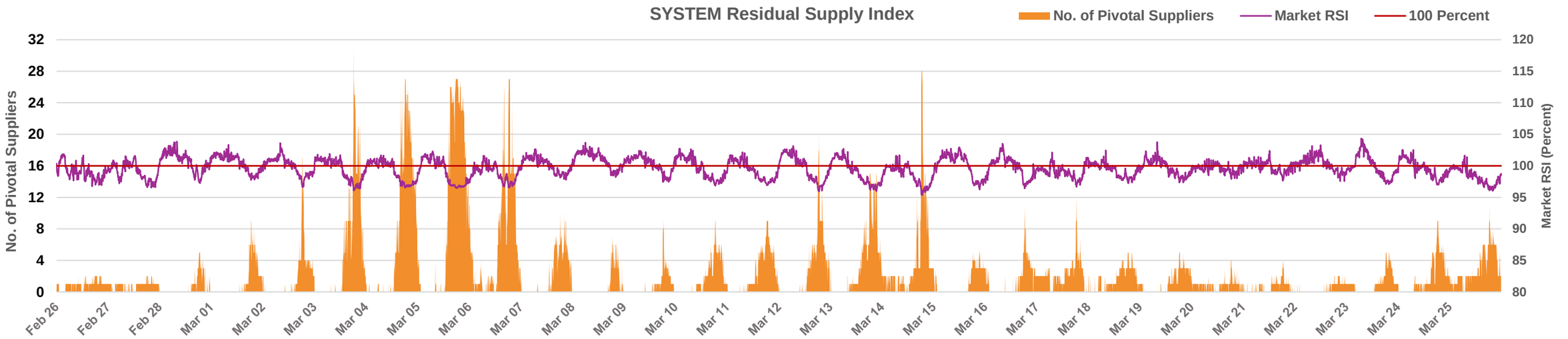
Herfindahl–Hirschman Index



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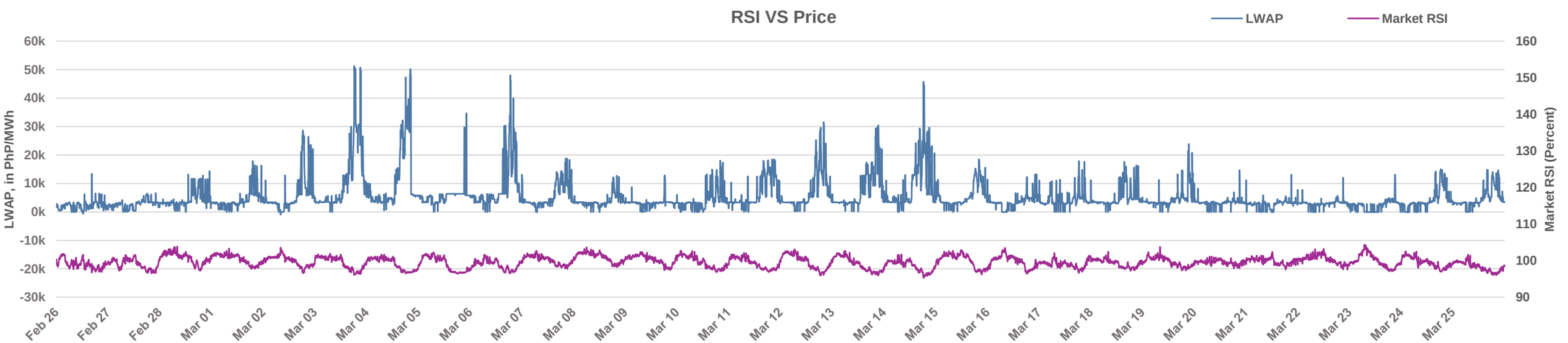
MARKET OUTCOME
STRUCTURAL COMPETITION
26 February - 25 March 2025

Philippine Electricity Market Corporation



RSI		Price (PHP/MWh)	Time Interval
Max	104.35	-0.02	3/23/2025 6:55
Min	95.36	30,527.06	3/14/2025 18:35

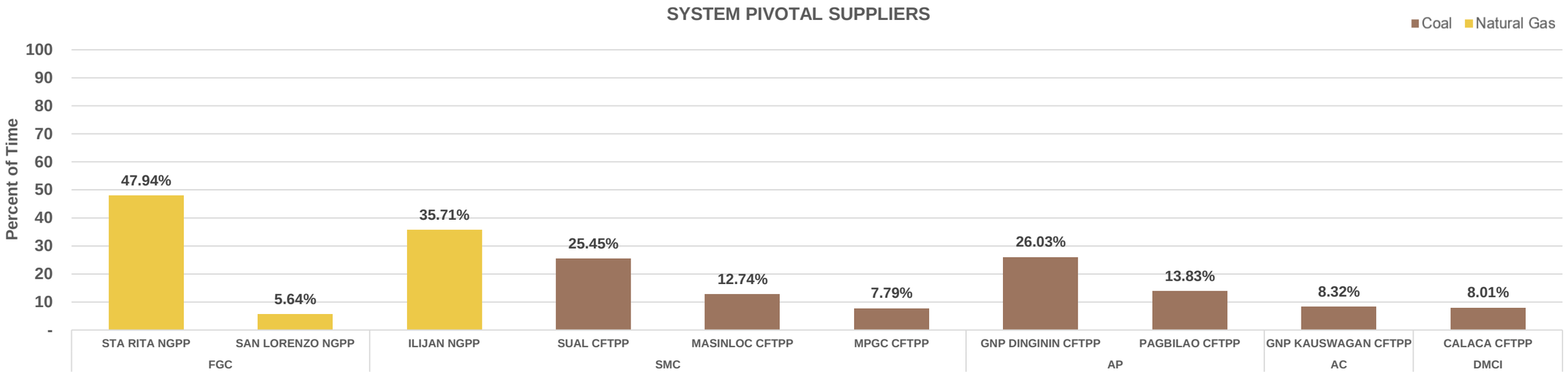
Price (PHP/MWh)		RSI	Time Interval
Max	51,285.70	96.08	3/3/2025 18:15
Min	-994.02	103.59	3/2/2025 8:05

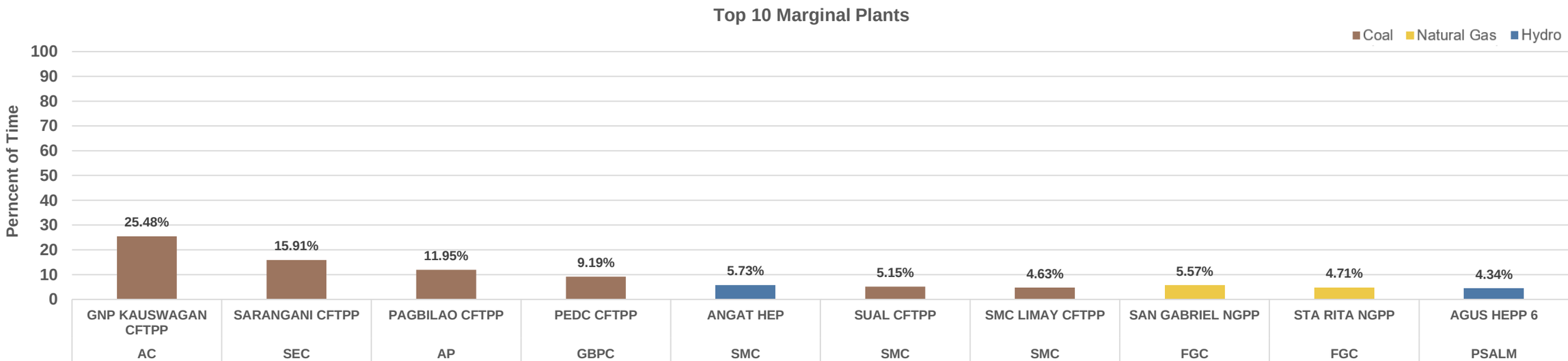


PUBLIC

MARKET OUTCOME
STRUCTURAL COMPETITION
26 February - 25 March 2025

Philippine Electricity Market Corporation



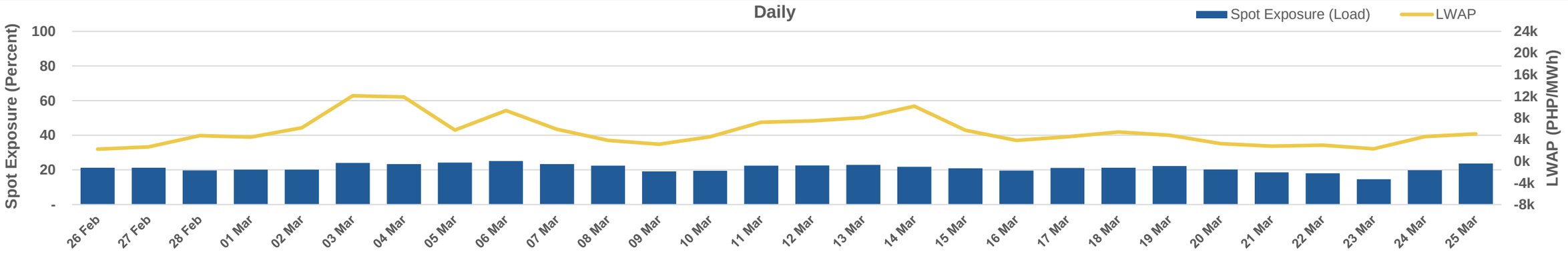


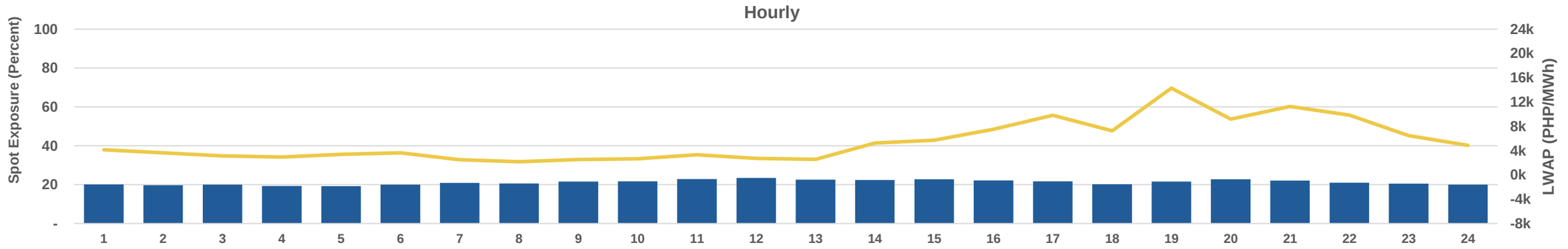
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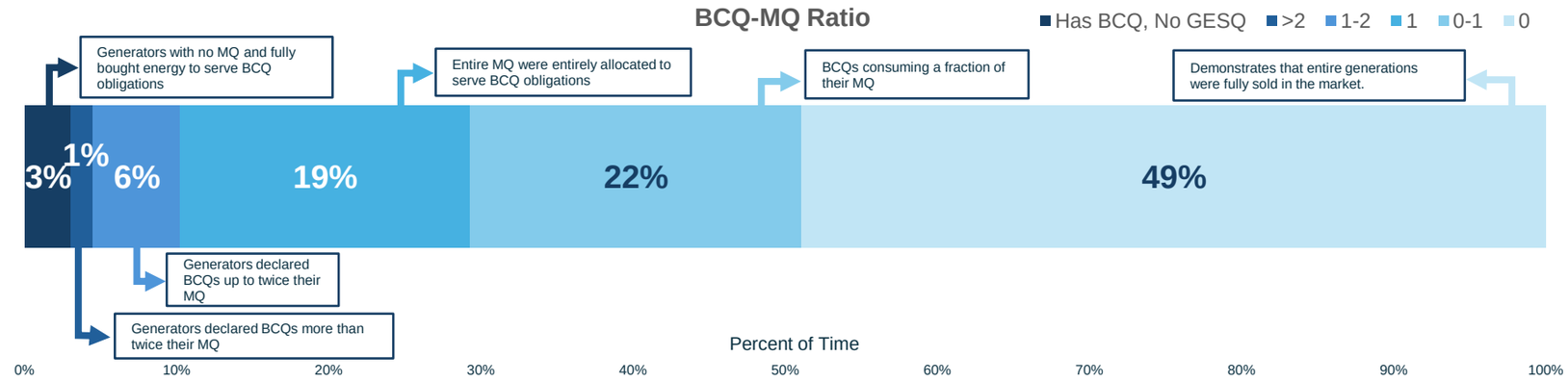
MARKET OUTCOME
SPOT EXPOSURE

26 February - 25 March 2025

Philippine Electricity Market Corporation







Legend	% of Time	Remarks
Has BCQ, No GESQ	3%	Generators with no MQ and fully bought energy to serve BCQ obligations
>2	1%	Generators declared BCQs more than twice their MQ
1-2	6%	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	49%	Demonstrates that entire generations were fully sold in the market.

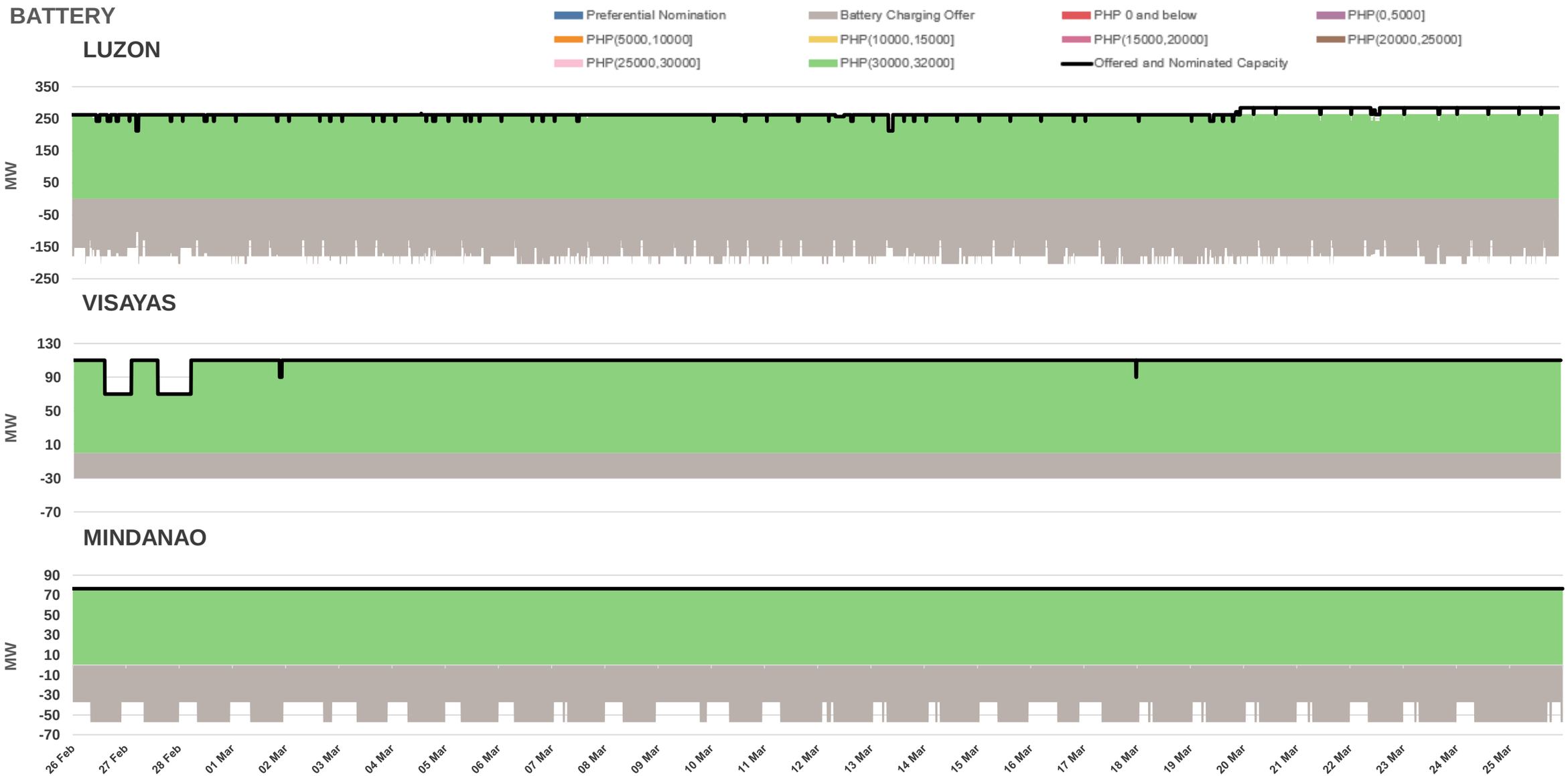
Note: The graph is derived from the occurrences of the BCQ-MQ ratio over time per generator trading interval.

PUBLIC

MARKET OUTCOME
OFFERS
26 February - 25 March 2025

Philippine Electricity Market Corporation

BATTERY

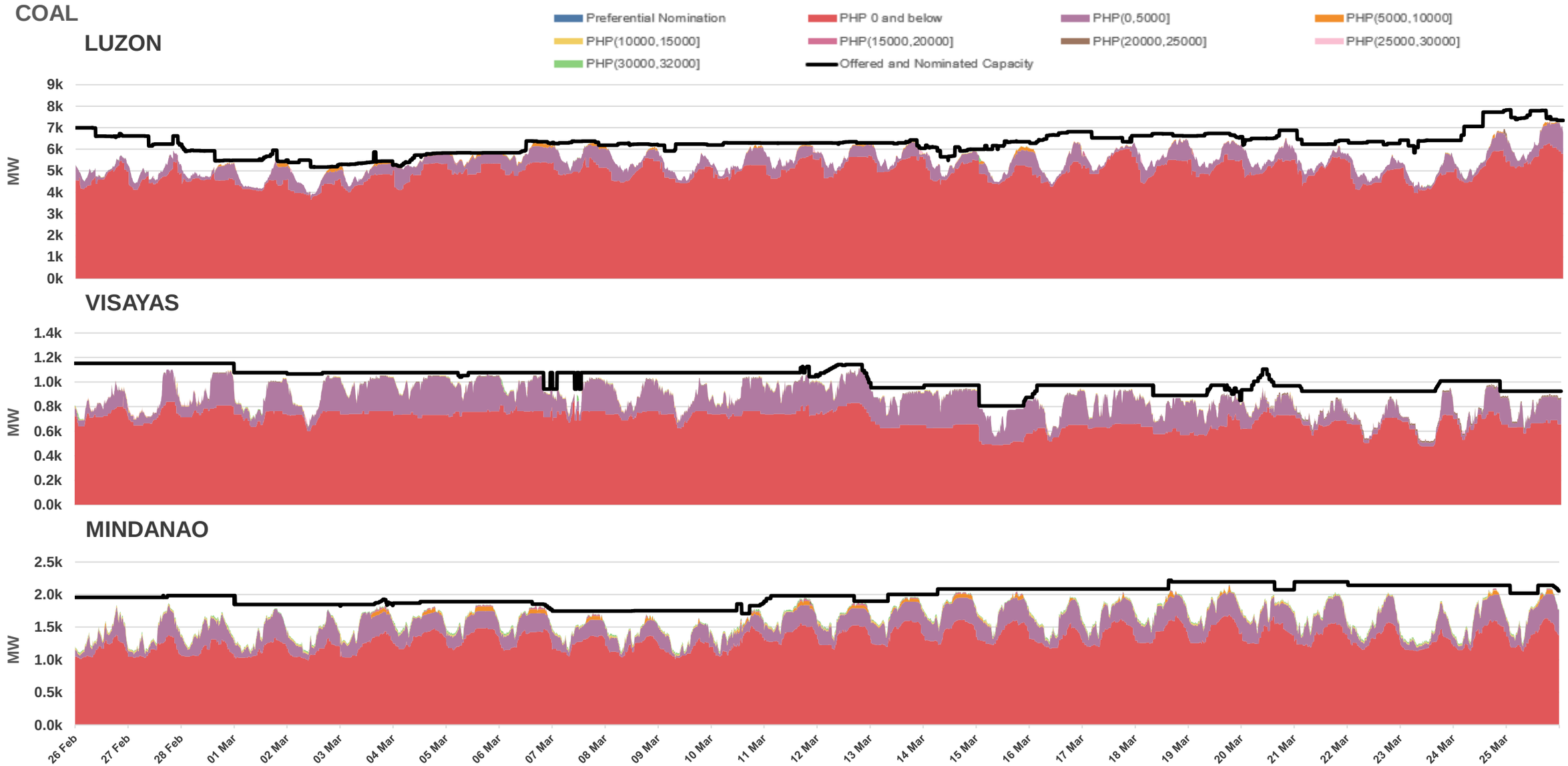


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MARKET OUTCOME
OFFERS
26 February - 25 March 2025

Philippine Electricity Market Corporation

COAL

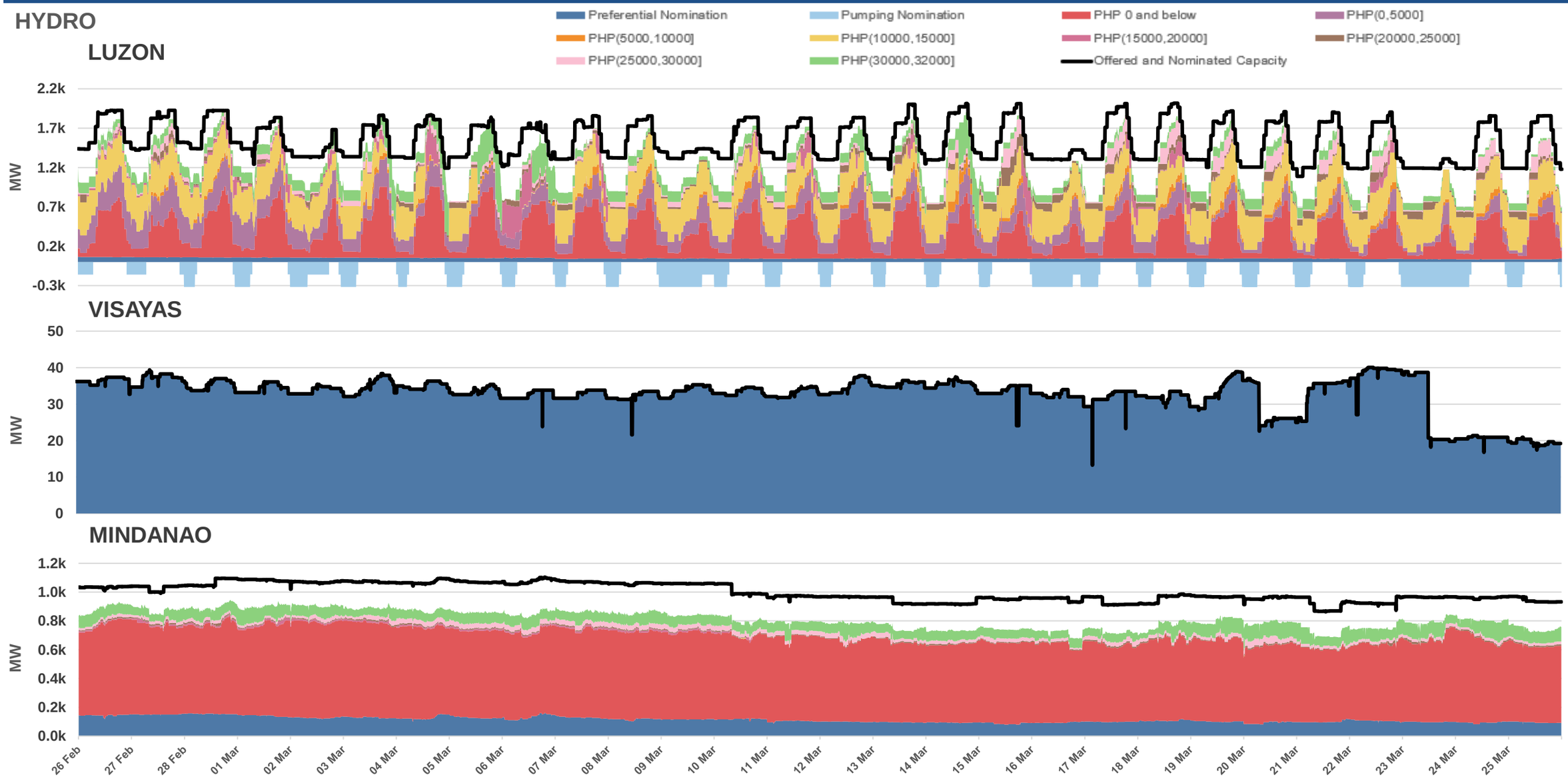


PUBLIC

MARKET OUTCOME
OFFERS
26 February - 25 March 2025

Philippine Electricity Market Corporation

HYDRO



PUBLIC

MARKET OUTCOME
OFFERS
26 February - 25 March 2025

Philippine Electricity Market Corporation



PUBLIC

RESERVE MARKET

AT A GLANCE

26 February - 25 March 2025

Reserve Total Registered Capacity (in MW)

5,430.40

18%
of the total Registered Capacity

Previous Month: 5,529

1.78% ▼

		LUZON		VISAYAS		MINDANAO	
		Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)	Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)	Max Registered Capacity per Reserve Category (in MW)	Average Price (in PHP/MWh)
Regulating	Up	2,015.00	5,235.30	209.60	21,009.61	556.50	5,427.88
	Down		5,090.15		21,392.68		5,979.46
Contigency		2,344.40	1,424.31	300.50	20,462.92	944.80	462.47
Dispatchable		2,483.00	459.16	359.50	2,191.65	1,135.10	0.26

PUBLIC

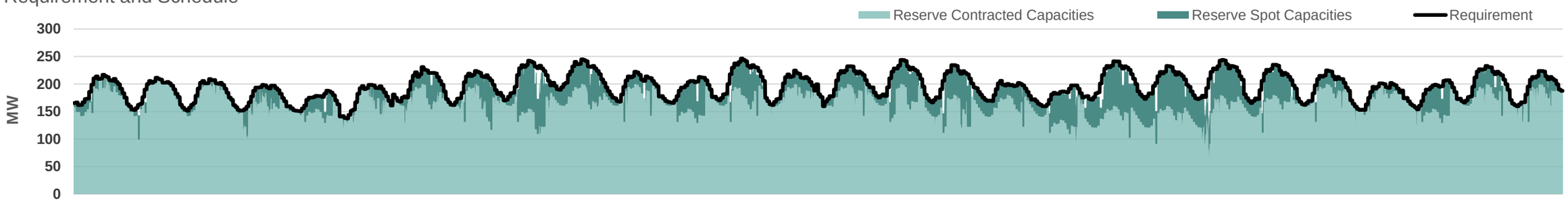
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

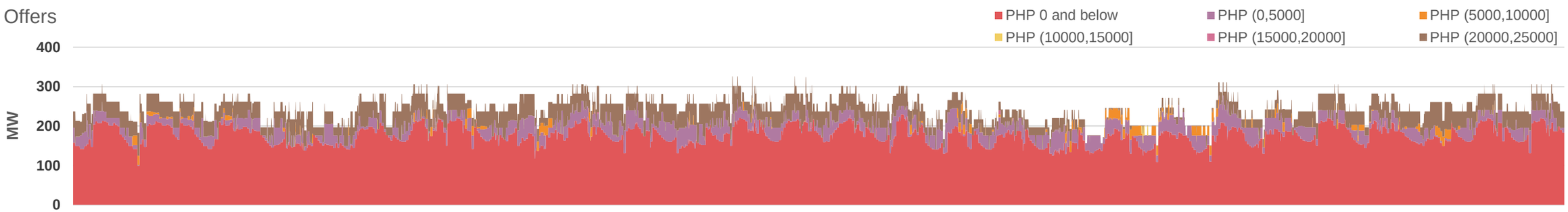
Philippine Electricity Market Corporation

LUZON - REGULATING UP

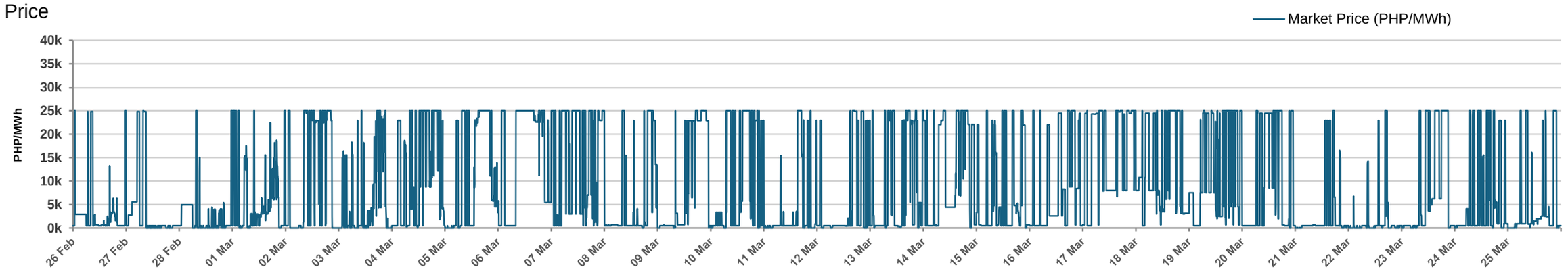
Requirement and Schedule



Offers



Price



PUBLIC

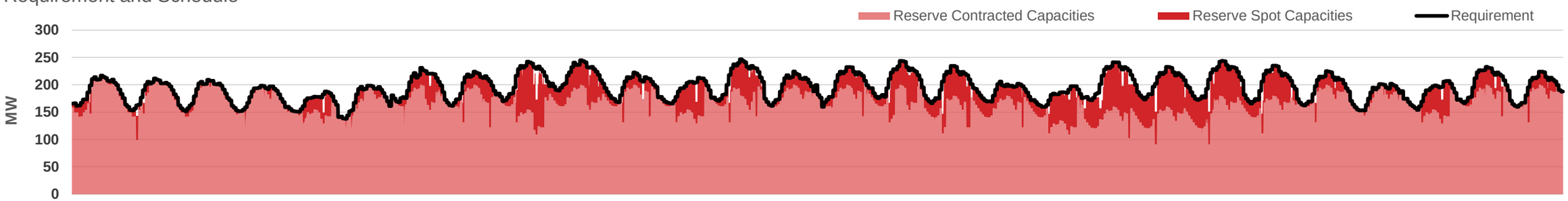
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

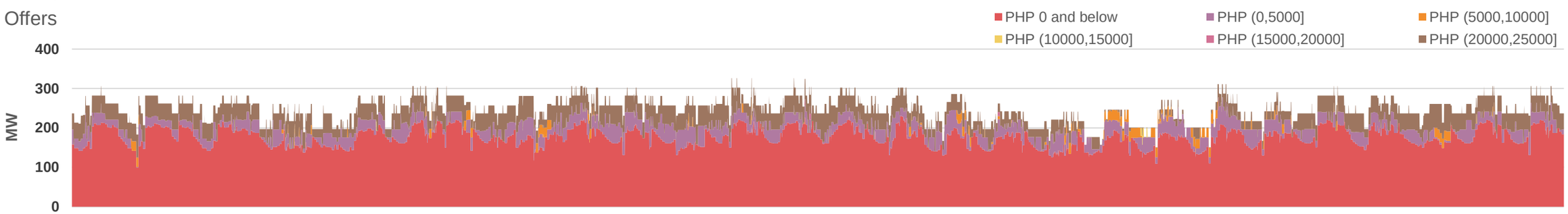
Philippine Electricity Market Corporation

LUZON - REGULATING DOWN

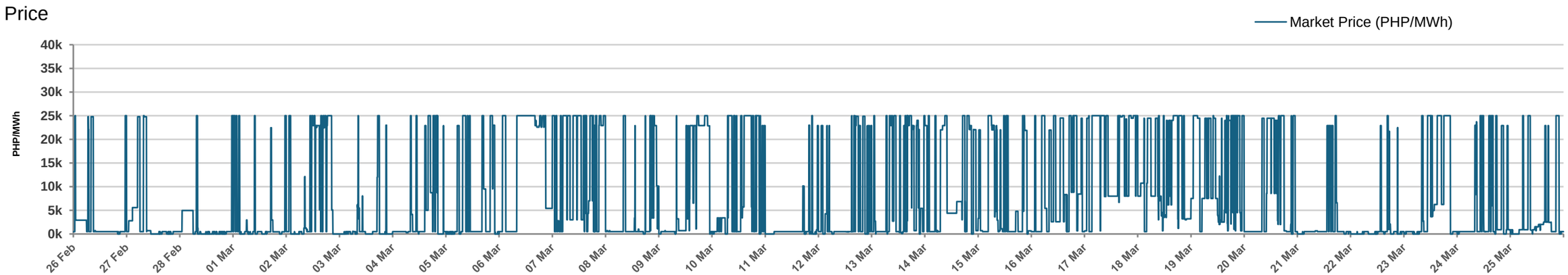
Requirement and Schedule



Offers



Price



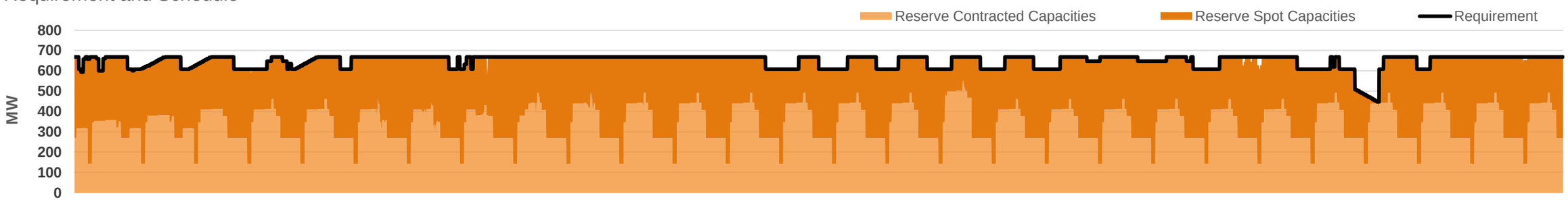
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MARKET OUTCOME
RESERVE MARKET
26 February - 25 March 2025

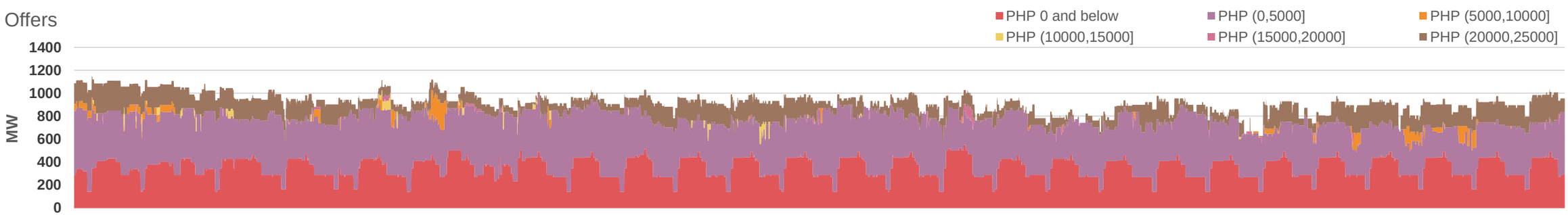
Philippine Electricity Market Corporation

LUZON - CONTINGENCY

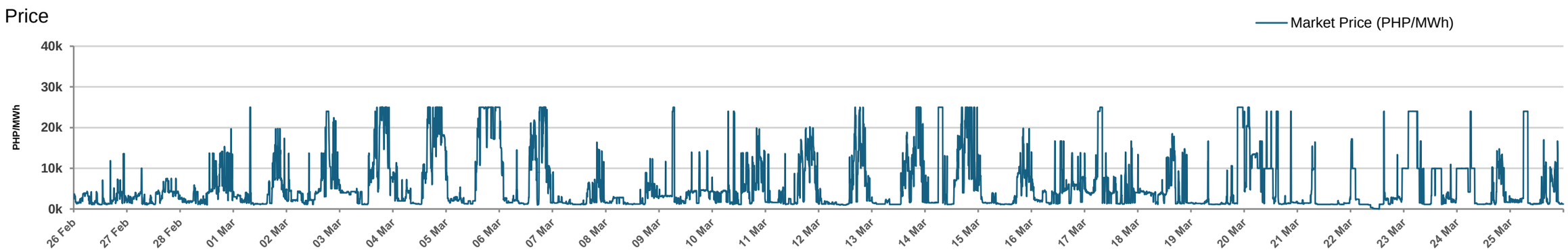
Requirement and Schedule



Offers



Price



PUBLIC

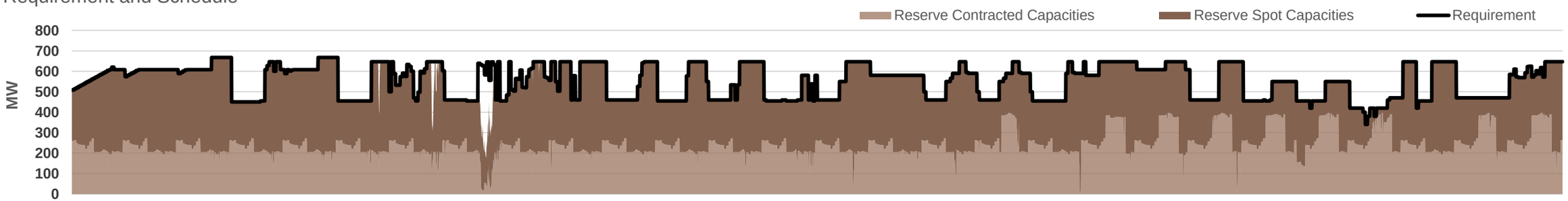
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

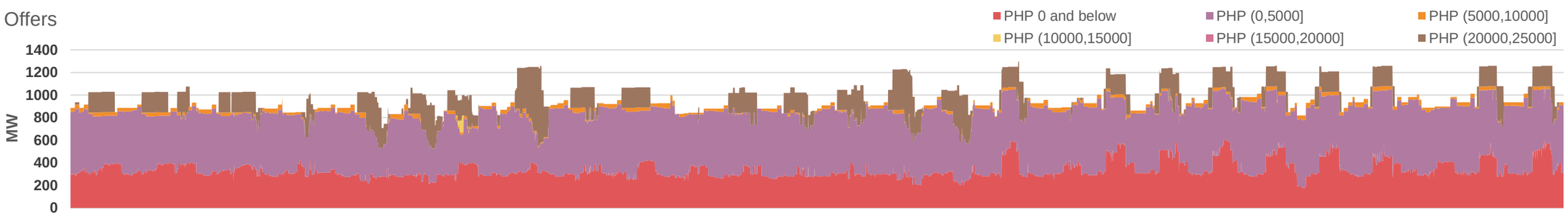
Philippine Electricity Market Corporation

LUZON - DISPATCHABLE

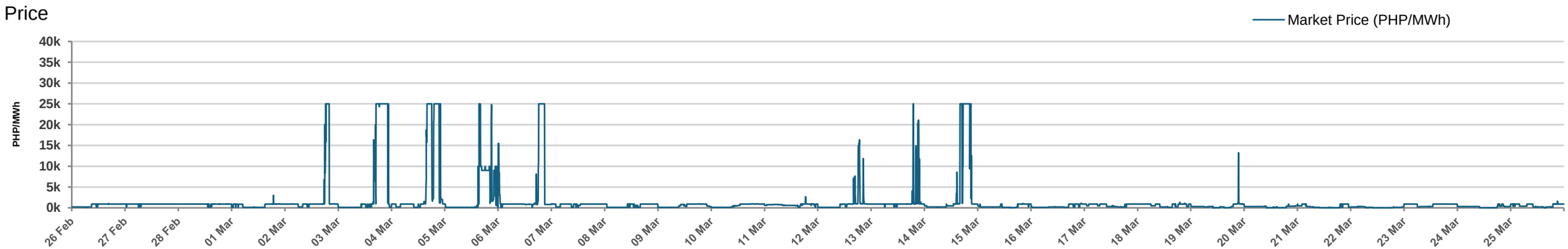
Requirement and Schedule



Offers



Price



PUBLIC

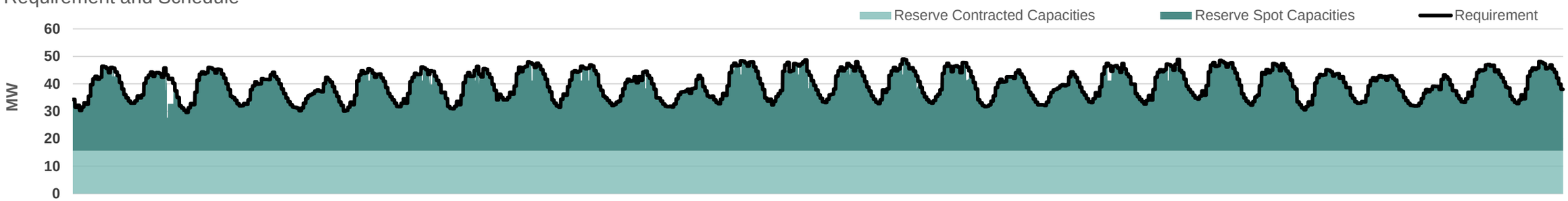
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

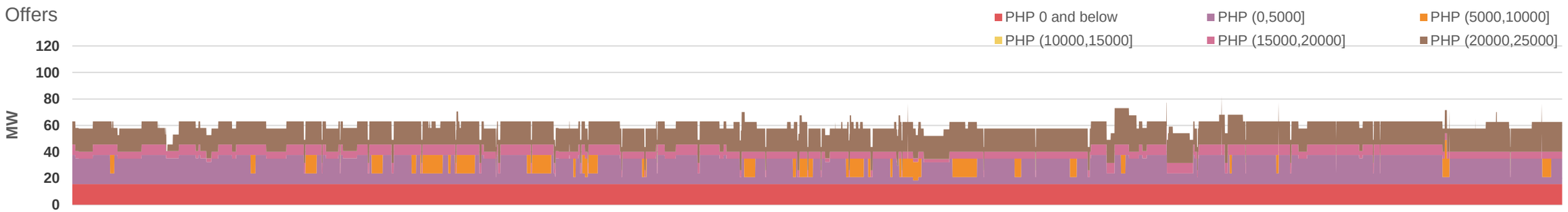
Philippine Electricity Market Corporation

VISAYAS - REGULATING UP

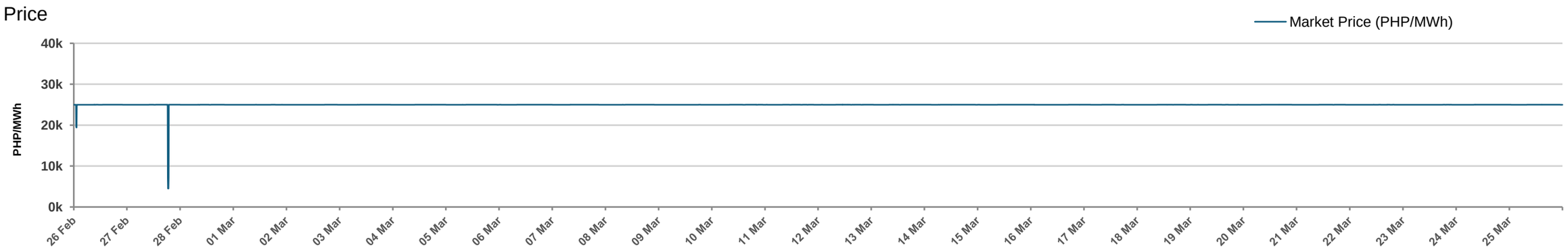
Requirement and Schedule



Offers



Price



PUBLIC

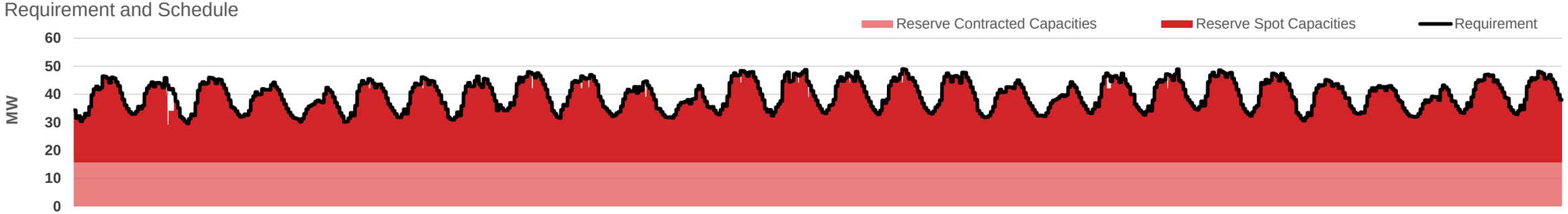
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

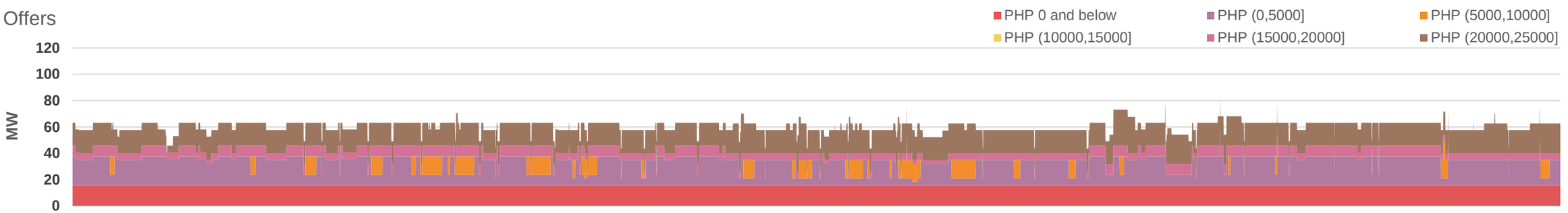
Philippine Electricity Market Corporation

VISAYAS - REGULATING DOWN

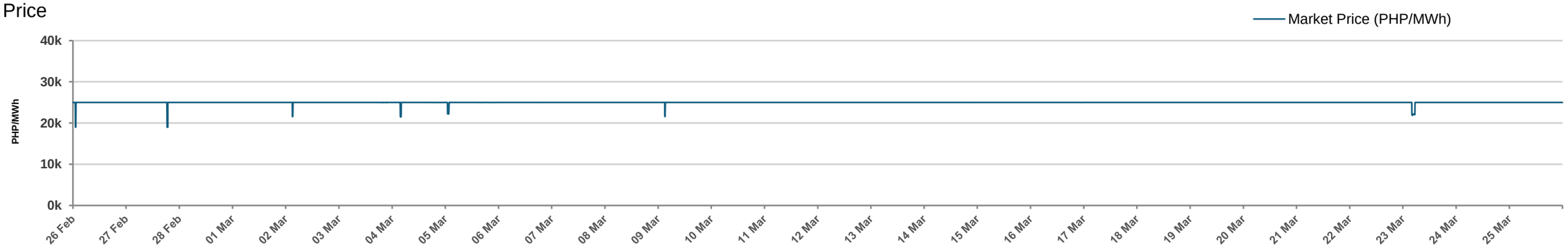
Requirement and Schedule



Offers



Price



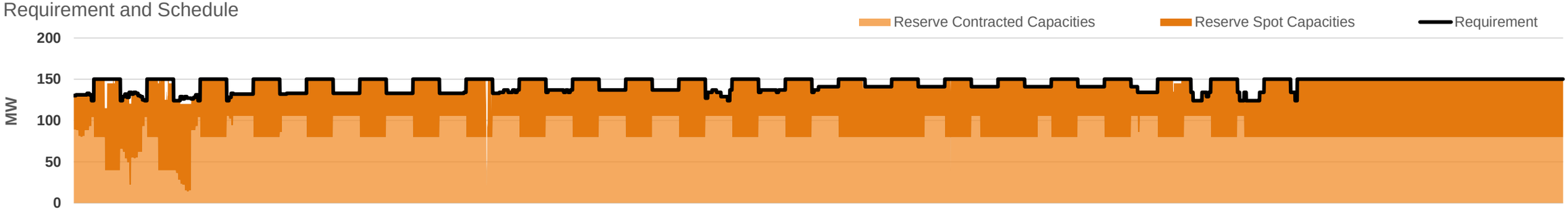
PUBLIC

MARKET OUTCOME
RESERVE MARKET
26 February - 25 March 2025

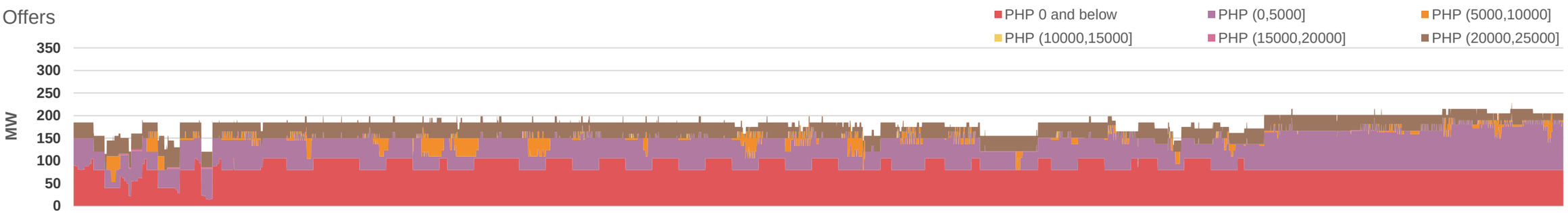
Philippine Electricity Market Corporation

VISAYAS - CONTINGENCY

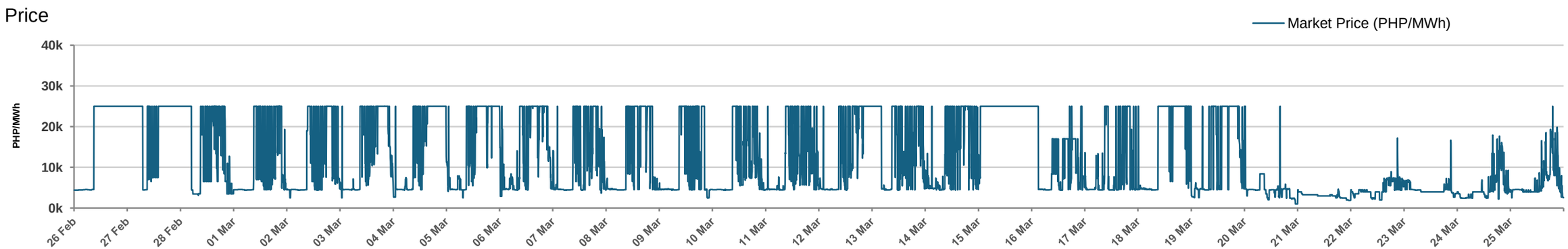
Requirement and Schedule



Offers



Price



PUBLIC

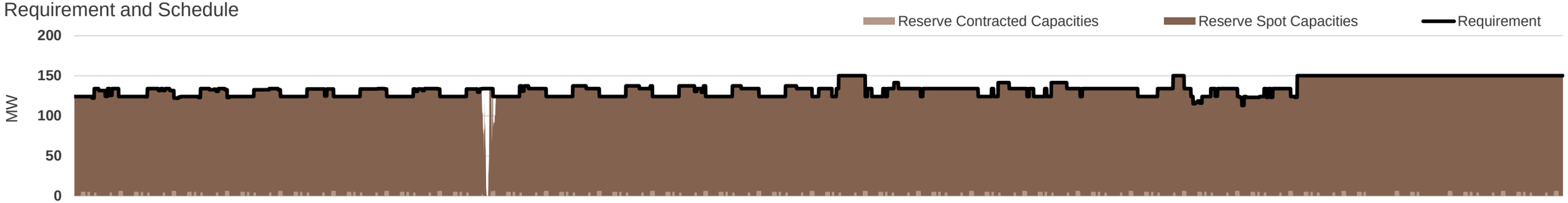
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

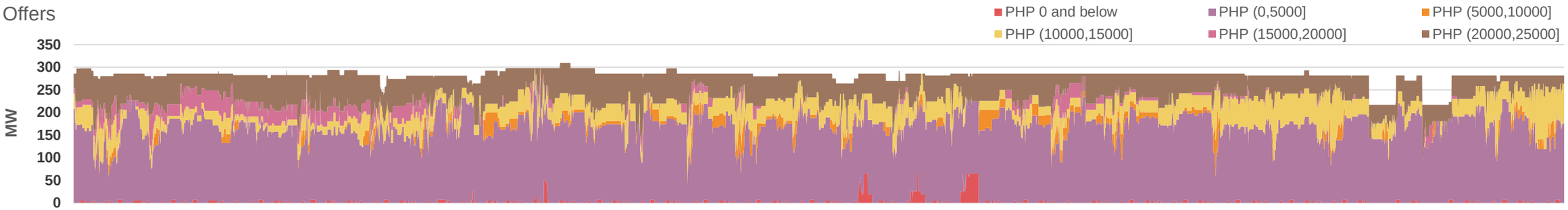
Philippine Electricity Market Corporation

VISAYAS - DISPATCHABLE

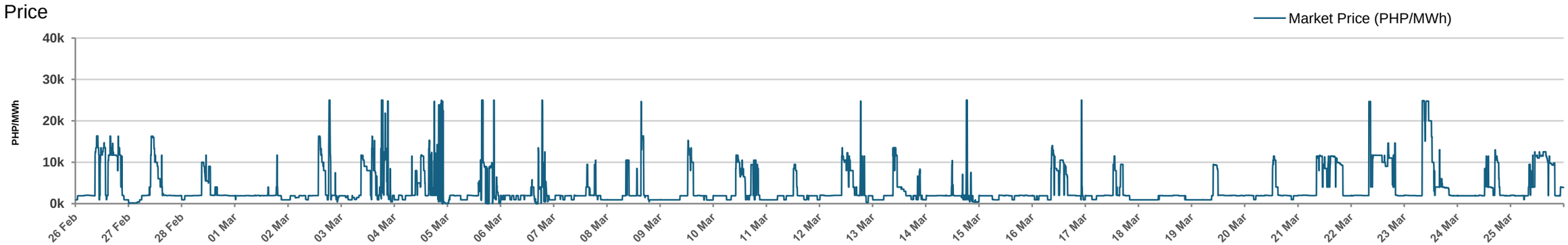
Requirement and Schedule



Offers



Price



PUBLIC

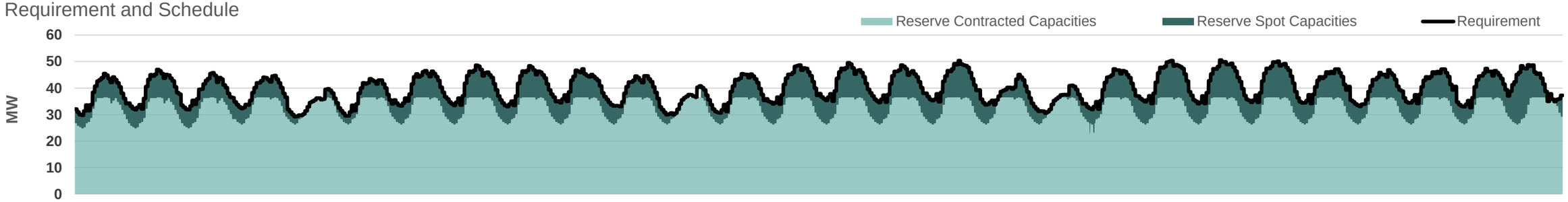
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

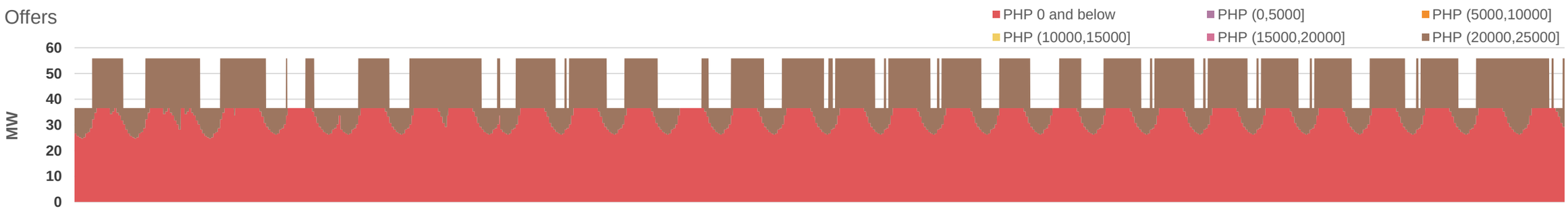
Philippine Electricity Market Corporation

MINDANAO - REGULATING UP

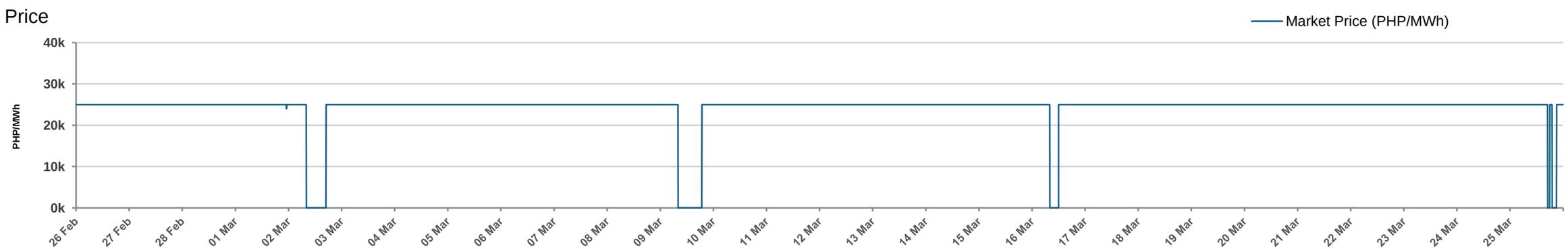
Requirement and Schedule



Offers



Price



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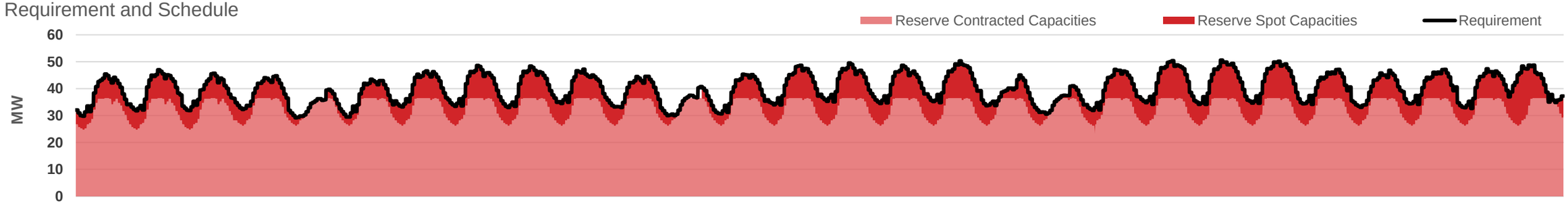
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

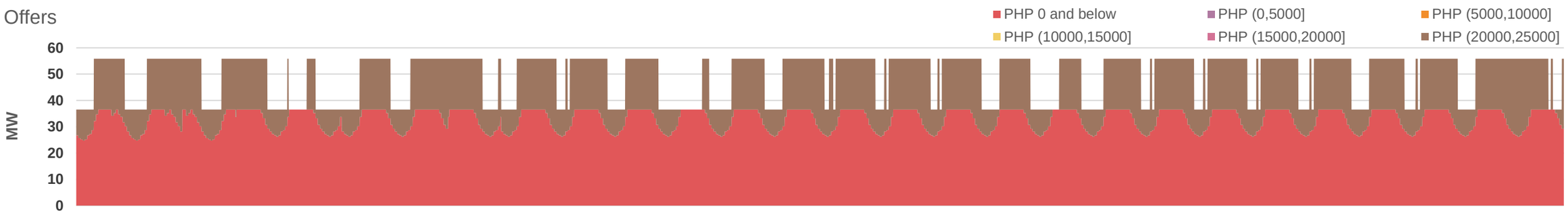
Philippine Electricity Market Corporation

MINDANAO - REGULATING DOWN

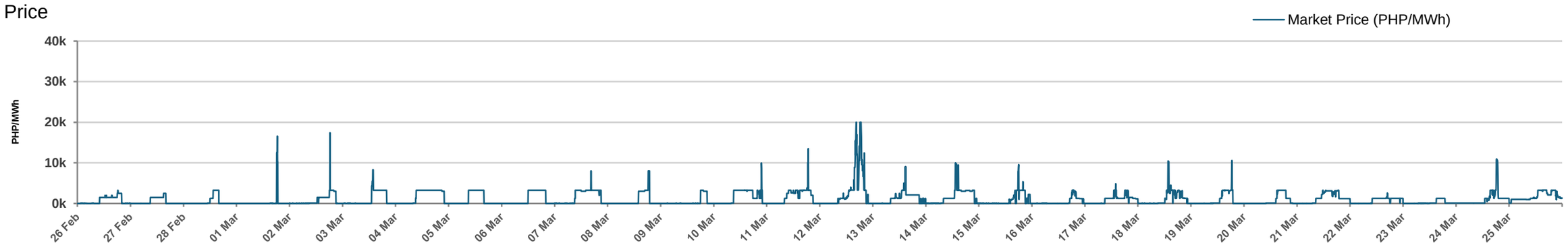
Requirement and Schedule



Offers



Price



PUBLIC

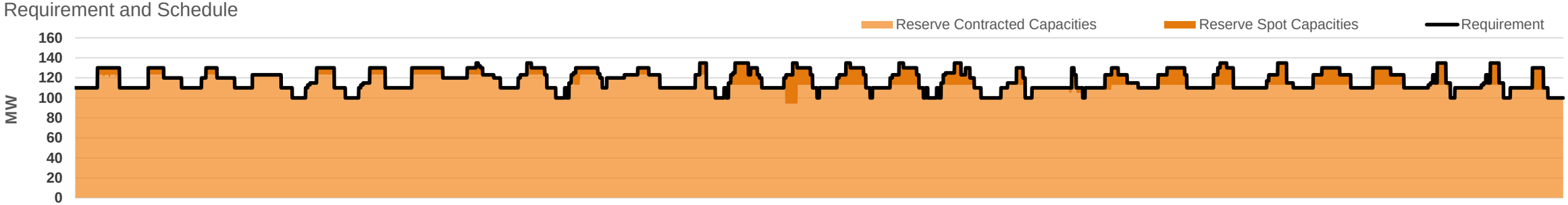
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

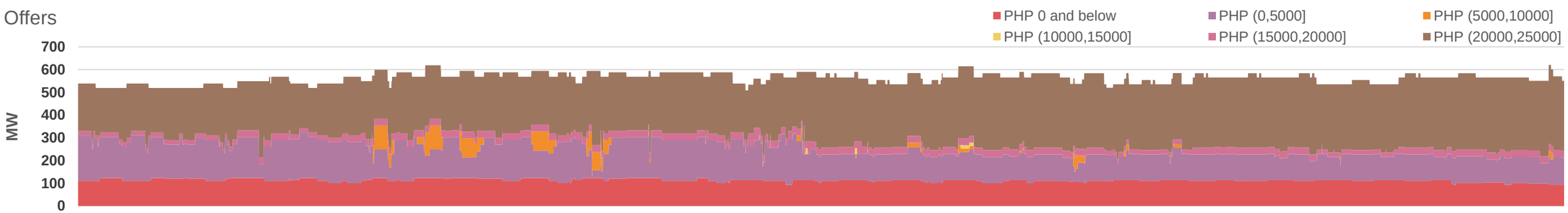
Philippine Electricity Market Corporation

MINDANAO - CONTINGENCY

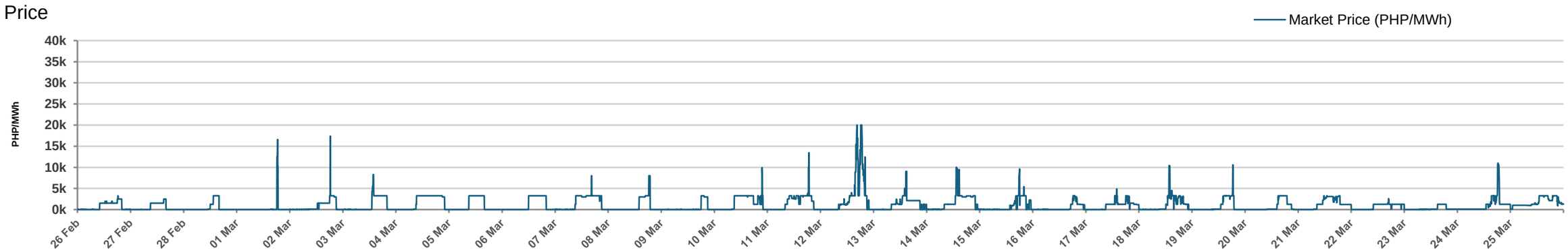
Requirement and Schedule



Offers



Price



PUBLIC

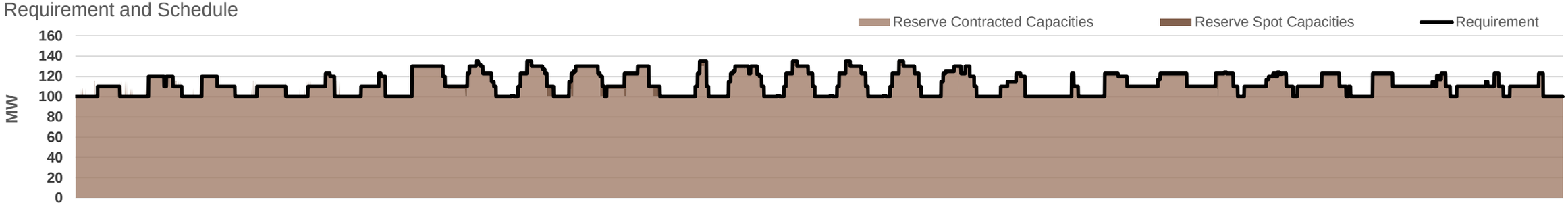
MARKET OUTCOME
RESERVE MARKET

26 February - 25 March 2025

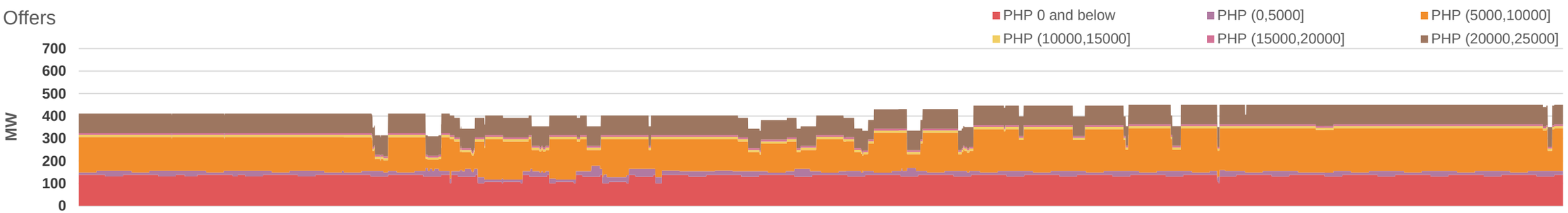
Philippine Electricity Market Corporation

MINDANAO - DISPATCHABLE

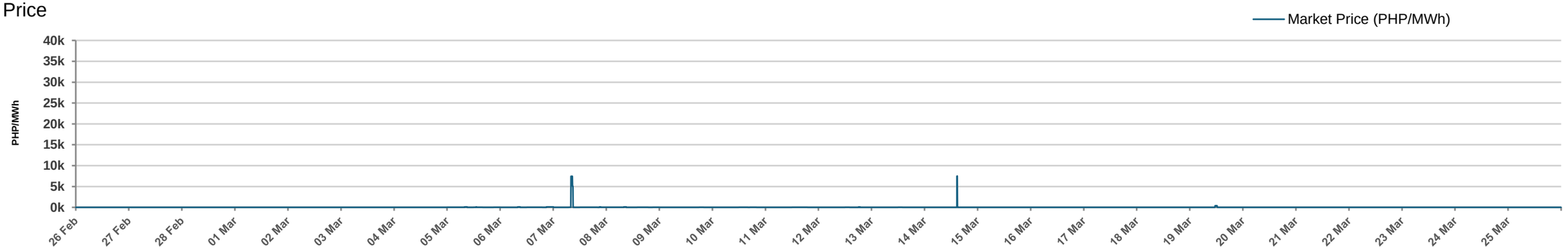
Requirement and Schedule



Offers



Price



PUBLIC

MARKET OUTCOME
RESERVE MARKET
26 February - 25 March 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	164.43	85%	29.77	15%	0.10	94.80	1,158	14%	149.03%▲	0.00	25,000.00	8,932.49	70.62%▲
Visayas	15.60	39%	24.00	61%	0.05	15.50	2,721	34%	31.99%▼	4,510.00	25,000.00	24,989.36	18.94%▲
Mindanao	32.51	81%	24.00	60%	0.01	4.27	3,390	42%	4.15%▲	0.00	25,000.00	24,127.44	344.51%▲
Regulating Down													
Luzon	166.19	86%	28.15	14%	0.10	59.00	1,070	13%		0.00	25,000.00	7,884.02	54.89%▲
Visayas	15.60	39%	24.06	61%	0.05	14.10	3,284	41%	2.05%▲	19,000.00	25,000.00	24,984.56	16.79%▲
Mindanao	32.51	81%	7.57	19%	0.01	4.27	3,392	42%	8.77%▼	0.00	25,000.00	24,127.44	303.51%▲
Contigency													
Luzon	338.29	52%	309.80	48%	0.10	85.00	95	0.01	131.71%▲	0.00	25,000.00	5,712.22	301.05%▲
Visayas	85.58	60%	57.92	40%	0.10	118.60	245	0.03	77.15%▼	1,000.00	25,000.00	12,341.58	39.69%▼
Mindanao	112.73	96%	4.89	4%	0.10	0.10	357	0.04	75.00%▲	0.00	20,000.00	1,130.99	144.55%▲
Dispatchable													
Luzon	241.67	44%	306.90	56%	0.10	417.70	160	2%		0.00	25,000.00	1,597.39	247.89%▲
Visayas	1.43	1%	131.99	99%	0.10	134.00	241	3%	1.23%▼	0.00	25,000.00	3,624.09	65.36%▲
Mindanao	111.28	100%	0.54	0%	0.10	0.20	1,670	21%	24.81%▼	0.00	7,500.00	16.99	6,481.20%▲

PUBLIC

ANNEX
OUTAGE SUMMARY
26 February - 25 March 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Luzon			
BAT	03LUMBAN_BAT	50	12/24/2024 0:16			Maintenance	Ongoing testing and commissioning.
BIOF	02PNGEA_G01	0.6	3/10/2025 16:30			Forced	Defective relay module for control system main breaker.
BIOF	01TRUSTBIO_G01	1.7	2/26/2025 1:13	3/1/2025 20:26	3	Forced	Emergency shutdown due to gas supplier issue. On test and commissioning.
BIOF	01TRUSTBIO_G01	1.7	3/12/2025 12:15	3/13/2025 6:23	1	Forced	Desulfurizer trouble.
BIOF	01VSGRIP_G01	5.4	2/4/2025 0:01			Maintenance	Maintenance outage.
BIOF	01BT2020_G01	11	2/20/2025 1:00	2/27/2025 12:57	7	Maintenance	Maintenance Outage
BIOF	01GIFT_G01	12	2/17/2025 0:00	3/12/2025 16:26	23	Maintenance	Maintenance outage
BIOF	01CAGBIO_G01	13.5	3/10/2025 0:00			Maintenance	Semi-annual maintenance
BIOF	01GFII_G01	15.8	3/5/2025 22:51	3/6/2025 5:15	1	Forced	Emergency shutdown due to damage fuel elevator gear box
BIOF	01IBEC_G01	18	2/23/2025 0:01	3/17/2025 0:00	22	Planned	Semi-annual maintenance.
COAL	01MPGC_U01	135	3/7/2025 20:03	3/8/2025 4:50	1	Forced	Furnace pressure low low.
COAL	01SMC_G02	150	2/15/2025 5:26			Planned	Planned Outage until March 30, 2025.
COAL	01SMC_G03	150	3/19/2025 23:10			Forced	Tripped due to boiler tube leak.
COAL	01MARVEL_G02	316	2/7/2025 0:05			Planned	Planned Outage until March 28, 2025.
COAL	01MSINLO_G01	344	2/14/2025 0:30			Maintenance	Maintenance outage until March 15, 2025, due to Generator Overhaul Travelling Band Screen Installation
COAL	01MSINLO_G01	344	3/16/2025 0:00	3/24/2025 20:32	8	Forced	Extended maintenance outage. ETI is March 20, 2025.
COAL	03PAGBIL_G01	382	2/26/2025 20:45	3/6/2025 8:18	8	Forced	Emergency shutdown due to boiler tube leak.
COAL	03PAGBIL_G02	382	3/13/2025 21:22	3/20/2025 12:56	7	Forced	Emergency shutdown due to boiler tube leak.
COAL	03PAGBIL_G03	420	1/4/2025 1:15	3/13/2025 14:32	68	Planned	Planned Outage until March 14, 2025
COAL	03PAGBIL_G03	420	3/14/2025 6:25	3/16/2025 2:13	2	Forced	Due to master fuel trip drum level high high
COAL	03QPPL_G01	460	2/28/2025 14:28	3/1/2025 12:07	1	Forced	Tripped due to actuation of generator protection turbine trip
COAL	03QPPL_G01	460	3/1/2025 18:41	3/4/2025 3:02	3	Forced	Tripped due to boiler heater problem.
COAL	03QPPL_G01	460	3/1/2025 18:41			Forced	Reported over frequency (63.5hz) tripping.
COAL	01SUAL_G01	647	3/21/2025 1:42	3/24/2025 1:35	3	Forced	Emergency shutdown due to boiler tube leak
COAL	01GNPD_U01	668	2/28/2025 1:20	3/24/2025 11:29	24	Forced	Emergency shutdown due to boiler tube leak.
GEO	03TGPP_G01	16.7	3/12/2025 21:13			Forced	Shutdown due to booster pump trouble
GEO	03TANAWON_G01	20.2	3/4/2025 18:41	3/10/2025 9:45	6	Forced	On test and commissioning.

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				Luzon			
GEO	03TANAWON_G01	20.2	3/12/2025 14:00	3/13/2025 9:25	1	Planned	On Testing ang commissioning.
GEO	03TANAWON_G01	20.2	3/15/2025 14:03	3/18/2025 13:17	3	Planned	On Commissioning Test.
GEO	03PALAYAN_G01	31	3/16/2025 0:02			Forced	On test and commissioning.
GEO	03MKBN_A	57	1/22/2025 0:01	3/20/2025 23:52	57	Planned	Planned outage until March 29, 2025.
GEO	03TIWI_C	57	2/26/2025 20:02	3/11/2025 19:21	13	Maintenance	Maintenance outage.
GEO	03MKBN_A	57	3/21/2025 15:30	3/22/2025 3:04	1	Forced	Affected by Main Transformer tripping.
HYD	03PALAK_G01	1.5	2/20/2025 6:35			Forced	Transformer repair.
HYD	01AMPHAW_G01	12.5	3/3/2025 7:05			Planned	Planned outage until March 31, 2025.
HYD	01BAKUN_G01	37	3/7/2025 0:08	3/24/2025 6:17	17	Maintenance	Maintenance Outage.
HYD	01ANGAT_M	50	6/28/2024 8:01			Maintenance	Replacement of Main Unit No.1 in relation to the ongoing AHEPP Modernization and Rehabilitation Project (September 30, 2025 2400H).
HYD	01MAGAT_U04	97	3/1/2025 7:08			Planned	Planned Outage until April 9, 2025.
HYD	01MAGAT_U03	97	3/19/2025 7:04			Planned	Planned Outage March 19 - April 5, 2025
HYD	03KAL_G02	181	2/3/2025 12:05			Planned	Planned outage until April 23, 2025.
HYD	03KAL_G01	181.1	2/18/2025 6:00	3/12/2025 19:22	22	Planned	Planned outage until March 4, 2025.
NATG	03AVION_U02	45.8	3/17/2025 0:06	3/20/2025 22:02	3	Planned	Planned Outage until March 31, 2025.
NATG	03AVION_U01	47.2	3/14/2025 0:03	3/19/2025 10:25	5	Planned	Planned outage until March 19m, 2025.
NATG	03ILIJAN_G02	190	2/28/2025 1:18			Forced	Gas supply limitation.
NATG	03STA-RI_G03	263	3/1/2025 0:09	3/8/2025 20:17	7	Planned	Planned outage
NATG	03STA-RI_G05	265	3/10/2025 23:38			Maintenance	Maintenance outage until March 24, 2025.
NATG	03STA-RI_G06	265	3/18/2025 23:39			Maintenance	Maintenance outage until April 1, 2025.
NATG	03SNGAB_G01	417.4	3/16/2025 1:34	3/17/2025 12:58	1	Forced	Emergency shutdown due to steam boiler leak repair.
NATG	03EERI_G03	440	2/26/2025 16:40	3/5/2025 2:29	7	Forced	On test and commissioning.
NATG	03EERI_G01	440	3/5/2025 16:55	3/9/2025 21:25	4	Forced	Tripped due to cold reheat inlet pressure high
NATG	03EERI_G03	440	3/7/2025 0:00			Maintenance	Testing and commissioning.
OIL	01T_ASIA_G01	48	3/9/2025 8:00			Maintenance	Requested shutdown of Trans Asia to facilitate PCB SF6 gas refilling.
OIL	02TMOBIL_G03	55.2	2/26/2025 0:00	3/4/2025 19:44	6	Maintenance	PMS until March 6, 2025.

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Luzon							
OIL	02TMOBIL_G01	63.8	3/3/2025 23:02	3/4/2025 6:00	1	Maintenance	Affected by the line shutdown to facilitate the repainting of entrance bushing of Gracepark 115kV line.
OIL	03MALAYA_G02	130	7/24/2024 21:24			Forced	Tripped due to loss prime of CWP
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
SOLR	01CABSOL_G01	9.1	2/24/2025 0:01			Planned	VRE Grid Compliance Testing.
SOLR	01PAVGSOL_G01	16.2	3/23/2025 5:34			Forced	Maintenance Activity at PAVI Green Switchyard
WIND	01CAPRIS_G02	50	3/11/2025 8:27	3/18/2025 18:14	7	Forced	PQA benchmarking in coordination with NGCP.
WIND	01BALWIND_G01	80	3/11/2025 8:09	3/18/2025 16:42	7	Forced	PQA benchmarking in coordination with NGCP.
WIND	01BALWIND_G01	80	3/18/2025 16:51			Forced	To facilitate repairs and IR test of turbine transformers.
Visayas							
BIOF	06HPCO_G01	2	11/12/2023 20:00			Forced	Defective auxiliary of vibration meter.
BIOF	06VMC_G01	2.5	4/21/2024 16:20			Forced	Weekly maintenance.
BIOF	08CASA_G02	7	4/15/2024 12:38			Forced	Due to internal trouble
BIOF	06SCBE_G01	7.4	3/31/2023 10:35			Forced	Plant shutdown
BIOF	06FFHC_G01	9	3/3/2025 14:08	3/4/2025 11:51	1	Forced	Shutdown due to weekly maintenance.
BIOF	06FFHC_G01	9	3/9/2025 16:06	3/11/2025 3:39	2	Forced	weekly maintenance
BIOF	06FFHC_G01	9	3/17/2025 19:07	3/18/2025 7:57	1	Forced	Shutdown due to weekly maintenance.
BIOF	06FFHC_G01	9	3/24/2025 20:57	3/25/2025 15:22	1	Forced	weekly maintenance
BIOF	06HPCO_G02	9.5	2/26/2025 22:55	2/27/2025 4:26	1	Forced	Shutdown due to mill equipment failure.
BIOF	06HPCO_G02	9.5	3/3/2025 10:37	3/4/2025 5:48	1	Forced	Shutdown due to weekly maintenance.
BIOF	06HPCO_G02	9.5	3/10/2025 9:12	3/11/2025 2:21	1	Forced	Shutdown due to weekly maintenance.
BIOF	06HPCO_G02	9.5	3/12/2025 18:02	3/13/2025 2:23	1	Forced	Emergency shutdown due to mill equipment trouble.
BIOF	06HPCO_G02	9.5	3/17/2025 8:11	3/18/2025 2:18	1	Forced	Shutdown due to weekly maintenance.
BIOF	06HPCO_G02	9.5	3/18/2025 22:46	3/19/2025 5:13	1	Forced	Auto tripped 13.8kV PCB due to Earth Fault and Phase Fault indication.
BIOF	06HPCO_G02	9.5	3/21/2025 11:43	3/22/2025 8:08	1	Forced	Isolated from grid due to tripping of 69kV Bacolod-Silay-VMC Line.
BIOF	06HPCO_G02	9.5	3/23/2025 18:46	3/25/2025 0:22	2	Forced	Shutdown due to weekly maintenance.
BIOF	06BISCOM_G01	12.7	3/7/2025 8:03	3/8/2025 1:56	1	Forced	Emergency shutdown due to boiler problem.

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
BIOF	06URC_G01	30	3/9/2025 17:13	3/10/2025 5:53	1	Forced	Emergency shutdown due to boiler problem.
BIOF	06VMC_G02	35	3/21/2025 11:43	3/22/2025 7:51	1	Forced	Isolated from grid due to tripping of 69kV Bacolod-Silay-VMC Line.
BIOF	06VMC_G02	35	3/22/2025 10:37	3/24/2025 2:21	2	Forced	Isolated from grid due to detached wire at connection asset LA.
COAL	05CEDC_U03	83.1	3/1/2025 0:20			Planned	GOMP
COAL	05CEDC_U01	83.2	3/18/2025 7:14	3/19/2025 7:24	1	Forced	Unit 1 tripped with steam drum level high high indication (bypass control valve problem).
COAL	05CEDC_U01	83.2	3/21/2025 2:26	3/23/2025 14:42	2	Forced	Feed water control valve
COAL	05TPC_G02	83.6	3/24/2025 19:52			Forced	Tripped due to boiler tube leak.
COAL	05KSPC_G02	103	3/12/2025 1:05			Planned	Manually cut-out for APMS
COAL	08PALM_G01	135	3/20/2025 14:28			Maintenance	Unplanned Outage. Implementation of new generator and TR protection settings and protection relay testing.
COAL	05THVI_U02	169	1/22/2025 0:12	3/8/2025 0:00	45	Planned	APMS (GOMP)
COAL	05THVI_U02	169	3/8/2025 0:01	3/11/2025 15:46	3	Forced	Extended outage GOMP
COAL	05THVI_U01	169	3/13/2025 0:00	3/19/2025 16:39	6	Forced	To repair of the water leakage in the lower economizer
COAL	05THVI_U01	169	3/19/2025 22:26	3/20/2025 3:52	1	Forced	Steam drum level low
GEO	04BILGPP_G01	1	10/5/2024 4:39			Forced	Turbine high vibration trip
GEO	06BBGPP_G01	4.7	9/24/2024 19:57			Forced	Turbine tripped under test and commissioning.
GEO	04LEYTE_A	5	3/2/2025 4:10	3/3/2025 5:24	1	Forced	Emergency cut-out to conduct turbine rotor thrust position correction.
GEO	04LEYTE_A	6.348	3/20/2025 21:28	3/21/2025 7:41	1	Forced	Activation of Seal oil pump low pressure switch
GEO	04LEYTE_A	27.5	10/23/2024 8:25			Maintenance	Emergency repair of air-cooled condenser
GEO	04LEYTE_A	30	10/23/2024 8:21			Maintenance	Emergency repair of air-cooled condenser
GEO	04LGPP_G01	39.3	2/17/2025 0:10			Maintenance	to facilitate upgrading of DCS (Distributed Control System) to integrate the newly installed BESS (Battery Energy Storage System)
GEO	04LGPP_G01	39.3	3/18/2025 15:34	3/19/2025 0:48	1	Forced	Activation of Turbine bearing vibration alarm.
GEO	04LGPP_G01	39.3	3/19/2025 3:24	3/20/2025 0:37	1	Forced	Activation of Turbine bearing vibration alarm.
GEO	06NASULO_G01	48.3	3/9/2025 4:03	3/10/2025 5:22	1	Forced	Auto tripped after islanding operation.
GEO	04LEYTE_A	77.5	7/8/2024 5:43			Forced	Due to high vibration
HYD	07LOBOC_G01	0.4	3/6/2025 8:48	3/11/2025 8:09	5	Forced	Auto-tripped due to reverse power.
HYD	07LOBOC_G01	0.4	3/25/2025 23:32			Forced	Carbon brush replacement.

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Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
Visayas							
HYD	08SUWECO_G01	0.9	2/22/2025 11:56			Forced	RTD transfer to Unit 1.
HYD	07LOBOC_G02	1.2	3/3/2025 17:11	3/4/2025 15:07	1	Forced	Undergo sensor monitoring.
HYD	07SEVILL_G01	1.25	3/15/2025 13:52	3/16/2025 10:35	1	Forced	Affected by the tripping of Ubay-Alicia-Garcia-Tagbilaran 69 kV line.
HYD	04UTH_G01	4.7	12/23/2024 0:03	2/26/2025 16:21	65	Forced	Due to cutting of flat bar at trash rack and connection of lifting rod for the flushing gate. (Under test and commissioning)
HYD	04UTH_G01	4.7	12/23/2024 0:04	2/26/2025 17:26	65	Forced	Due to cutting of flat bar at trash rack and connection of lifting rod for the flushing gate. (Under test and commissioning)
HYD	04UTH_G01	4.7	12/23/2024 0:05	2/26/2025 15:00	65	Forced	Due to cutting of flat bar at trash rack and connection of lifting rod for the flushing gate. (Under test and commissioning)
HYD	04UTH_G01	4.7	2/26/2025 23:27	2/27/2025 0:12	1	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	2/26/2025 23:27	2/27/2025 3:09	1	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	2/26/2025 23:53	2/27/2025 0:00	1	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	2/27/2025 6:19	2/28/2025 18:21	1	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	2/27/2025 22:08	3/1/2025 20:06	2	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	2/28/2025 18:29	3/4/2025 15:39	4	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	3/1/2025 20:11	3/4/2025 16:16	3	Forced	Maximum load testing (Test & Commissioning)
HYD	04UTH_G01	4.7	3/4/2025 15:39			Forced	Grid Compliance testing (Test and commissioning)
HYD	04UTH_G01	4.7	3/4/2025 15:58	3/11/2025 13:40	7	Forced	Grid Compliance testing (Test and commissioning)
HYD	04UTH_G01	4.7	3/20/2025 7:02	3/21/2025 8:34	1	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV Line.
HYD	04TAFT_G01	5	3/20/2025 7:02	3/22/2025 0:13	2	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV Line.
HYD	04TAFT_G01	5.1	3/20/2025 7:02	3/21/2025 4:44	1	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV Line.
HYD	04TAFT_G01	5.1	3/20/2025 7:02	3/21/2025 4:50	1	Forced	Affected by auto-tripping of Paranas-Quinapondan 69kV Line.
HYD	08TIMBA_G01	18	3/23/2025 7:19			Forced	R 6.7 limiter activated
OIL	06CENPRI_U03	4.5	3/20/2025 0:01			Maintenance	Smokestack replacement.
OIL	05TPVI_U01	5.5	10/28/2024 21:53			Forced	Unable to cut-in unit due to main bearing #6 temperature high
OIL	05TPVI_U03	5.5	2/25/2025 9:00	3/3/2025 14:25	6	Forced	Emergency cut-out due to main bearing temperature high @ main bearing #7
OIL	06CENPRI_U05	6.7	2/9/2025 10:27	3/1/2025 1:10	20	Forced	Emergency shutdown due to heavy smoke coming out from engine crankcase.
OIL	07TPLPB4_U03	7	3/3/2025 17:39	3/5/2025 18:00	2	Forced	Unable to cut-in due to hard start.

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Visayas							
OIL	07TPLPB4_U03	7	3/5/2025 19:50	3/6/2025 2:46	1	Forced	Excessive gas leak between cylinders 1L & 2L.
OIL	07TPLPB4_U04	8	3/3/2025 21:33	3/4/2025 6:01	1	Forced	Excessive water leak at cylinder 1R.
OIL	05CARMENDPP_U04	10	8/24/2024 0:00			Forced	Detached connecting rods and crank shaft for machining
OIL	05CARMENDPP_U02	10	3/1/2025 0:01			Planned	GOMP
OIL	05EAUC_U01	11.5	5/13/2024 22:55			Forced	CYLINDER NO. 7 CRANKCASE EXPLOSION
OIL	05EAUC_U03	11.5	3/10/2025 7:00	3/17/2025 2:40	7	Maintenance	To conduct 5000RH PMS
OIL	05EAUC_U03	11.5	3/17/2025 20:09	3/18/2025 0:50	1	Forced	Manually shutdown due to lube oil final filter clog-up
OIL	05EAUC_U04	11.5	3/23/2025 18:03			Maintenance	Shutdown request of unit to conduct 10 000 type PMS
OIL	08PDPP3_C	12	3/7/2025 18:51			Forced	Unable to start due to loss of excitation voltage
SOLR	06MNTSOL_G01	14.5	3/4/2025 20:11	3/5/2025 10:41	1	Forced	Isolated due to tripping of 69kV Amlan-San Carlos Line.
SOLR	06SLYSOL_G01	20	3/21/2025 11:43	3/22/2025 7:56	1	Forced	Isolated from grid due to tripping of 69kV Bacolod-Silay-VMC Line.
SOLR	07DAGSOL_G01	20.2	2/27/2025 19:52	2/28/2025 1:20	1	Forced	PCB 5CB04 (5xFO1DGP) OPEN DUE TO HOTSPOT CORRECTION (TEST AND COMMISSIONING).
Mindanao							
BIOF	14COTSUGR_G01	3.4	3/24/2025 20:30	3/25/2025 16:01	1	Forced	Plant total shutdown due to mill problem.
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	2/26/2025 12:56	2/28/2025 13:59	2	Forced	Emergency Shutdown due to evaporator tube water leak.
BIOF	14SPGI_U01	6	3/3/2025 10:48	3/12/2025 8:25	9	Forced	Emergency shutdown due to water leakage.
BIOF	11CRYSSUG_G01	8	3/9/2025 0:00	3/10/2025 16:05	1	Forced	The whole sugar factory is on total S D including its Power Plant.
BIOF	11CRYSSUG_G01	8	3/16/2025 0:00	3/17/2025 16:02	1	Forced	Unplanned Outage OMC. Conserve steam for liquidation process.
BIOF	11CRYSSUG_G01	8	3/23/2025 0:00	3/24/2025 16:00	1	Forced	Weekend shutdown to conserve steam. Unplanned outage.
BIOF	11CRYSSUG_G01	12	3/2/2025 0:00			Forced	Emergency s d to conserve steam supply. ETC March 3, 2025.
COAL	10PPEI_U01	24.1	2/15/2025 8:00	2/27/2025 17:38	12	Forced	Shutdown due to unforeseen technical issues encountered.
COAL	10PPEI_U01	24.1	3/3/2025 20:45	3/4/2025 12:02	1	Forced	Emergency shutdown due to an accident involving personnel.
COAL	10PPEI_U01	24.1	3/18/2025 16:08			Forced	Emergency shutdown due to SNP levels not stable
COAL	11MINBAL_G01	55	3/22/2025 0:00			Forced	Planned Maintenance Outage. (ETC 03 27 25 0600H)
COAL	11STEAG_U01	105	3/4/2025 0:00	3/10/2025 10:29	6	Planned	PMS-GOMP. ETC. March 11, 2025
COAL	11STEAG_U02	105	3/7/2025 0:00	3/13/2025 7:42	6	Planned	PMS-GOMP. ETC. March 13, 2025

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				Mindanao			
COAL	14SARANG_U02	122	2/6/2025 23:59	3/10/2025 16:27	32	Planned	PMS (GOMP). ETC March 20, 2025.
COAL	14SARANG_U01	122	3/20/2025 14:49	3/21/2025 0:10	1	Forced	Unplanned Outage. Boiler tripped (drum level low-low absence of boiler feed pump). Affected by the tripping of GenSan-Tinoto 69kV feeder.
COAL	11FDC_U02	135	3/1/2025 0:28	3/18/2025 13:59	17	Planned	PMS-GOMP. ETC March 21, 2025.
COAL	11FDC_U02	135	3/1/2025 0:28			Planned	PMS-GOMP. ETC March 21, 2025.
COAL	13SMC_U02	150	2/17/2025 17:36	3/3/2025 15:23	14	Forced	Auto-tripped due to IDF problem.
COAL	13SMC_U02	150	3/25/2025 23:58			Forced	Emergency shutdown to troubleshoot Induced Draft Fan(IDF) problem.
GEO	14MTAPO_U02	50	3/2/2025 17:51	3/4/2025 18:38	2	Forced	Emergency S D due to Oil leak at the right-hand main stop valve.
GEO	14MTAPO_U02	50	3/24/2025 0:03			Forced	Emergency Shutdown (Non-GOMP). ETC March 28, 2025.
GEO	14MTAPO_U01	51.4	2/24/2025 16:31	2/26/2025 11:00	2	Forced	Tripped. Indication Condenser level high-high.
HYD	14MARBEL_U01	0.5	12/26/2024 18:01	3/13/2025 9:00	77	Forced	Shut down due to recloser tripping of the SOCOTECO 1 system fault.
HYD	14MARBEL_U01	0.5	12/26/2024 18:01			Forced	Emergency shutdown due to bearing temperature rising.
HYD	13TALOM23_G01	0.93	2/26/2025 9:49	2/27/2025 20:46	1	Forced	The plant auto-tripped due to Drive End High Bearing Temperature.
HYD	13TALOM23_G01	0.93	3/14/2025 18:10	3/15/2025 2:00	1	Forced	Plant tripped due to inverse time phase overcurrent.
HYD	14ALMADA_G01	2.6	3/1/2025 0:15	3/4/2025 8:35	3	Maintenance	Due to maintenance works check-up resume
HYD	14ALMADA_G01	2.6	3/8/2025 0:08	3/11/2025 8:50	3	Forced	The plant had a normal shutdown due to a maintenance work checkup.
HYD	14ALMADA_G01	2.6	3/14/2025 0:10	3/18/2025 8:40	4	Maintenance	Plant shutdown due to maintenance operation.
HYD	14ALMADA_G01	2.6	3/22/2025 0:10	3/25/2025 9:15	3	Forced	Plant shutdown due to maintenance works.
HYD	14ALMADA_G01	2.6	3/25/2025 10:52			Forced	Plant isolated due to COTELCO PPALMA s feeder outage.
HYD	13EUROH_G01	3	2/25/2025 22:08	2/26/2025 22:48	1	Forced	Emergency shutdown due to discharge battery voltage.
HYD	13TUDAY2_G01	5.5	11/25/2024 8:54	3/4/2025 16:18	99	Forced	Plant shutdown due to runout runner & bearing problem.
HYD	11MINBU_G01	6.6	3/17/2025 7:30			Maintenance	Cut-out from grid to conduct schedule annual preventive maintenance.
HYD	13SIBULAN_G01	8.75	2/25/2025 0:32	3/5/2025 23:59	8	Planned	PMS (GOMP) ETC March 06, 2025.
HYD	13SIBULAN_G01	8.75	2/25/2025 0:32	3/5/2025 23:59	8	Planned	PMS (GOMP) ETC March 06, 2025.
HYD	13SIBULAN_G01	14	3/11/2025 0:07			Planned	Plant shutdown due to Annual PMS
HYD	13SIBULAN_G01	14	3/11/2025 0:07			Planned	Plant shutdown due to Annual PMS
HYD	10AGUS5_U01	27.5	3/25/2025 8:10			Forced	Maintenance Outage (Non-GOMP). ETC March 27, 2025, 0800H.

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ANNEX
OUTAGE SUMMARY
26 February - 25 March 2025

Philippine Electricity Market Corporation

Plant Type	Plant/ Unit Name	Capacity (MW)	Date Out	Date In	Duration (Day/s)	Outage Type	Remarks
				Mindanao			
HYD	10AGUS6_U05	43.8	3/13/2025 9:01	3/14/2025 22:30	1	Planned	PMS-GOMP. ETC March 14, 2025 @ 2359H.
HYD	10AGUS4_U01	52.7	12/13/2024 16:25	2/28/2025 14:05	77	Forced	Auto-tripped triggered by SEL 700G (Generator Protection Relay).
HYD	10AGUS4_U02	52.7	3/17/2025 8:08	3/18/2025 9:01	1	Forced	Corrective Maintenance and replacement of leaking Generator Air Coolers of Unit NO.2
HYD	10AGUS4_U03	52.7	3/21/2025 8:06	3/22/2025 20:48	1	Maintenance	Planned outage - NON GOMP.
HYD	11PULA4_U01	75	3/10/2025 8:03			Planned	PMS-GOMP. ETC April 8, 2025.
OIL	13MAGDBNK_U01	4.6	3/14/2025 16:47	3/17/2025 17:38	3	Forced	Plant shutdown due to overheating of excitation dummy load.
OIL	09WMPC_U07	10	1/12/2025 21:52	3/5/2025 0:05	52	Forced	Declared unavailable due to forced outage of PCB 2CB04(7XF02WMP).
OIL	09WMPC_U08	10.1	1/21/2025 18:31	3/5/2025 0:05	43	Forced	Emergency shutdown due to abnormality of bus-tie breaker.
OIL	09WMPC_U10	10.2	2/6/2025 8:00	3/5/2025 0:05	27	Forced	Declared unavailable due to forced outage of PCB 2CB04(7XF02WMP).
OIL	09WMPC_U06	10.2	2/17/2025 13:20	2/27/2025 18:01	10	Forced	Declared unavailable due to switched gear MV Bus 2 Ph. A busbar problem connection.
OIL	09WMPC_U09	10.2	2/27/2025 17:52	2/28/2025 8:00	1	Forced	Tripped due to main bearing 7 high temperature alarm. Unplanned Outage
OIL	09WMPC_U06	10.2	2/28/2025 8:00	3/5/2025 0:05	5	Forced	Declared unavailable due to switched gear Busbar 2 problem connection.
OIL	09WMPC_U10	10.2	3/5/2025 13:20	3/6/2025 11:25	1	Forced	Auto tripped due to turbocharger vibration.
OIL	09WMPC_U10	10.2	3/10/2025 10:09	3/11/2025 14:35	1	Forced	Auto tripped due to vibration alarm B-Bank problem.
OIL	09WMPC_U06	10.2	3/10/2025 19:58	3/11/2025 8:20	1	Forced	Auto tripped due to turbo charger vibration A-Bank Alarm.
OIL	09WMPC_U10	10.2	3/12/2025 9:55	3/14/2025 16:10	2	Forced	Due to high temperature reading of A-Bank and B-Bank.
OIL	09WMPC_U01	10.2	3/12/2025 18:25	3/14/2025 15:20	2	Forced	Declared Unavailable due to oil mist problem.
OIL	12KEGGIN_G01	10.6	4/15/2024 15:05			Forced	Failed to synchronize due to low SF6 Pressure on PCB.
OIL	12TM2_U01	50	3/5/2025 0:01	3/8/2025 20:14	3	Planned	On Planned Outage
OIL	12TM2_U02	50	3/9/2025 0:00	3/12/2025 22:44	3	Planned	PMS-GOMP. ETC. March 13, 2025

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ANNEX
OUTAGE SUMMARY
26 February - 25 March 2025

Philippine Electricity Market Corporation

Equipment Name	Trading Intervals	Percent of Time
3CLACA_TR1	18	0.2%
1BALI_1KDA1	9	0.1%
1BAUA_1BPP1	9	0.1%
1BALI_1KDA2	7	0.1%
3MKBNB_TR3	3	0.0%
6PGPP1_TR3	2	0.0%
3CALIRA_TR1	2	0.0%
AG2_TO_BALO	2	0.0%
6PGPP1_TR2	2	0.0%
1BPPC_1BAL1	1	0.01%
1BAUA_1BAL1	1	0.01%
1BAUA_1LAT1	1	0.01%

GLOSSARY OF TERMS

Philippine Electricity Market Corporation

CAPACITY ON OUTAGE

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

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

DEMAND

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

EFFECTIVE SUPPLY

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

HERFINDAHL-HIRSCHMAN INDEX (HHI)

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

MARGINAL PLANT

The last generating unit scheduled to meet the system demand.

MAJOR PARTICIPANT GROUP

The grouping of generators by ownership or control.

GLOSSARY OF TERMS

Philippine Electricity Market Corporation

MARKET RESIDUAL SUPPLY INDEX (Market RSI)

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

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

NOMINATED CAPACITY

The available capacity declared by self-scheduled generators.

OFFERED CAPACITY

The available capacity declared by scheduled generators.

PRICING CONDITIONS

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

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

PIVOTAL SUPPLIER INDEX (PSI)

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

POST MARKET RUN CALCULATION

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

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GLOSSARY OF TERMS

Philippine Electricity Market Corporation

REGISTERED CAPACITY
The capacity registered by a generator with WESM.

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

RESERVE CATEGORIES

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

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

DISCLAIMER

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