

MARKET OUTCOMES

P

Load Weighted
Average Price

Php 4.42 /kWh

Luzon: Php 4.32 /kWh

Visayas: Php 5.31 /kWh

Mindanao: Php 3.97 /kWh

SYSTEM-WIDE

⚡

Average Supply

19,897 MW

Luzon: 13,963 MW

Visayas: 2,250 MW

Mindanao: 3,684 MW

SYSTEM-WIDE

📈

Average Demand

13,884 MW

Luzon: 9,697 MW

Visayas: 2,055 MW

Mindanao: 2,132 MW

SYSTEM-WIDE

GENERATION MIX

73 GWH

21.9% Renewables

4 GWH

1.1% Energy Storage System


255 GWH

77.0% Non-renewables

	NON-RENEWABLE ENERGY	RENEWABLE ENERGY	ENERGY STORAGE SYSTEM
Luzon	82.99%	15.49%	1.52%
Visayas	57.68%	42.29%	0.02%
Mindanao	67.14%	32.86%	0.00%

Peak Demand

	Luzon	Visayas	Mindanao
Day Peak	11,170 MW 2024/07/26 14:40	2,426 MW 2024/07/26 14:00	2,558 MW 2024/07/26 14:25
Year-to-date	14,011 MW 2024/04/24 14:55	2,679 MW 2024/05/21 14:20	2,711 MW 2024/05/22 13:30



LUZON TO VISAYAS
>>> 90 MW
30.21% of the time

VISAYAS TO LUZON
<<< 57 MW
62.85% of the time

VISAYAS TO MINDANAO
>>> 0 MW
0.00% of the time

MINDANAO TO VISAYAS
<<< 319 MW
100.00% of the time

HVDC AVERAGE MW FLOW

RTD

Actual

From Visayas to Luzon

From Luzon to Visayas

From Mindanao to Visayas

From Visayas to Mindanao

RTD

Actual

SUPPLY DEMAND PRICE

Outage Capacity

Derated Capacity

Available Capacity

Demand

Megawatt (MW)

Price/kWh

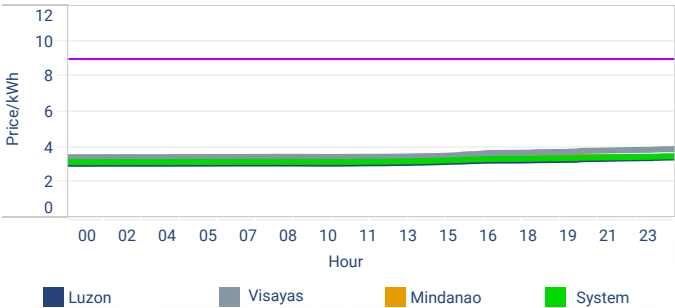
Hour

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AVERAGE RESERVE REQUIREMENT AND SCHEDULE

	Regulation Up			Regulation Down			Contingency Reserve			Dispatchable Reserve		
	Req't	Sched	Surplus (+) or Deficit (-)	Req't	Sched	Surplus (+) or Deficit (-)	Req't	Sched	Surplus (+) or Deficit (-)	Req't	Sched	Surplus (+) or Deficit (-)
Luzon	165	165	-1	165	165	0	581	318	-263	581	180	-401
Visayas	39	39	0	39	39	0	159	102	-57	156	60	-96
Mindanao	39	31	-8	39	34	-6	99	78	-21	83	95	12

ROLLING AVERAGE GENERATOR
WEIGHTED AVERAGE PRICE

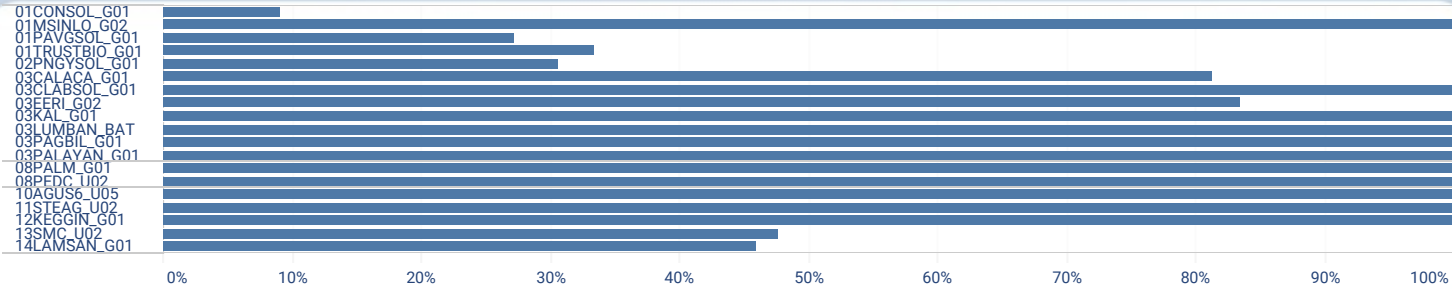


PRICE DISTRIBUTION

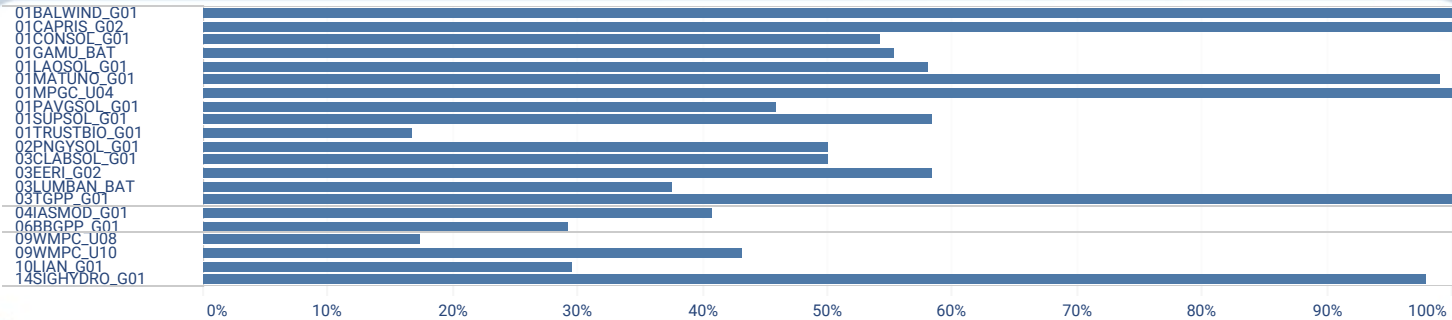
	Below 0 ₱/kWh	0 - 2.5 ₱/kWh	2.5 - 5.0 ₱/kWh	5 - 10 ₱/kWh	Above 10 ₱/kWh
System	0%	2%	76%	21%	1%
Luzon	0%	2%	72%	25%	1%
Visayas	0%	1%	63%	32%	5%
Mindanao	0%	1%	82%	17%	0%

Based on Generator Weighted Average Price (GWAP)

GENERATORS ON OUTAGE



GENERATORS WITH SYSTEM OPERATOR OVERRIDING CONSTRAINT



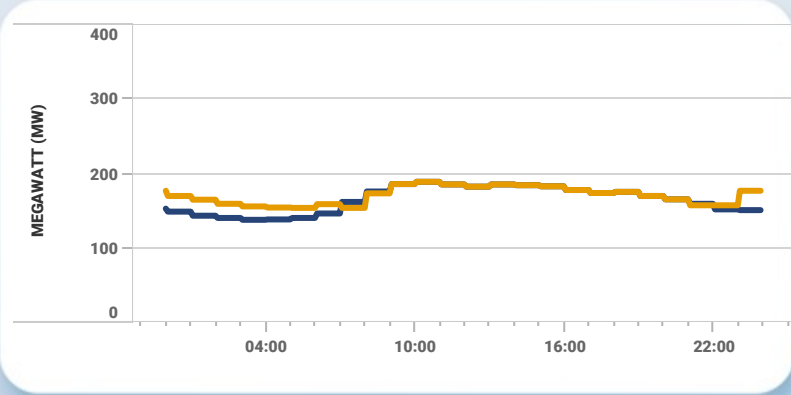
FREQUENT CONGESTIONS



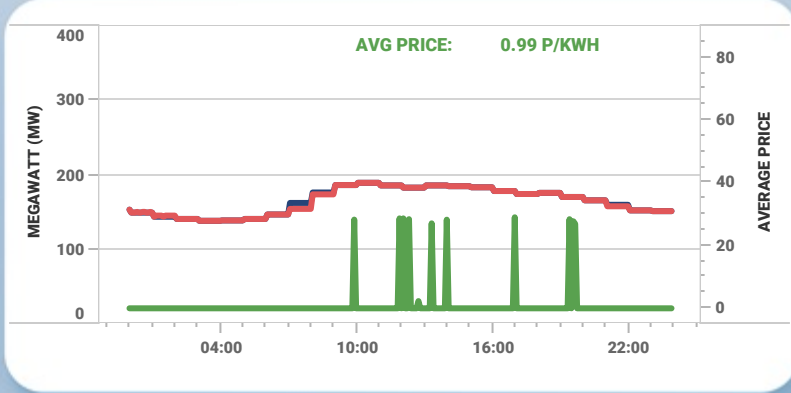
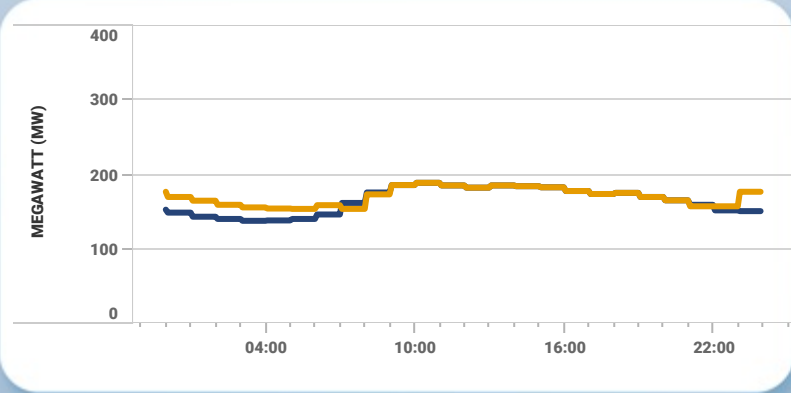
LUZON RESERVES

Reserve Requirement Reserve Offers Reserve Schedule Zonal Reserve Price

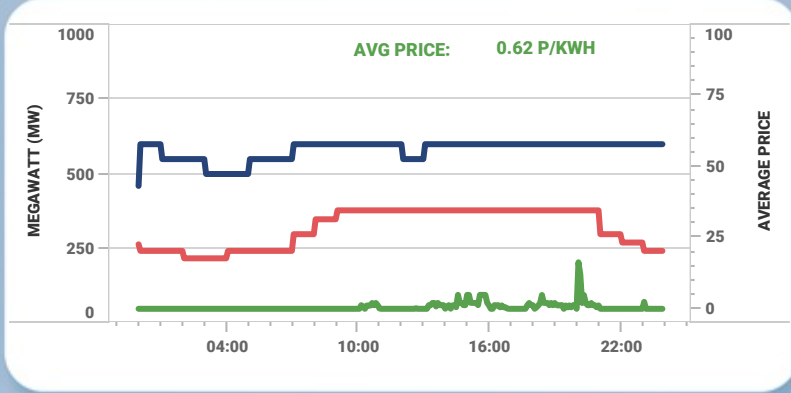
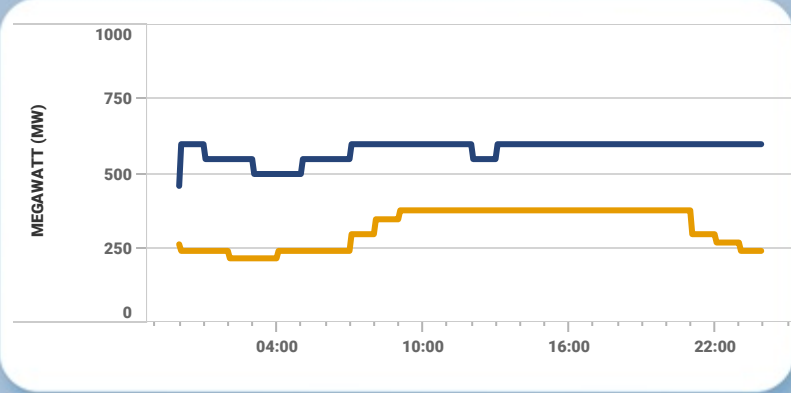
REGULATION UP RESERVE



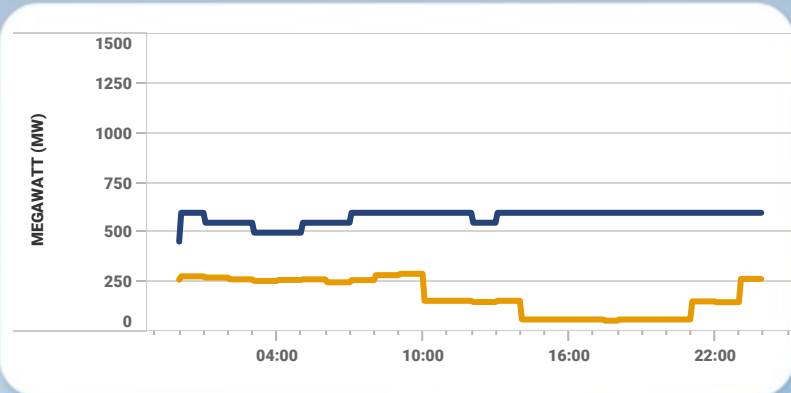
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE



VISAYAS RESERVES

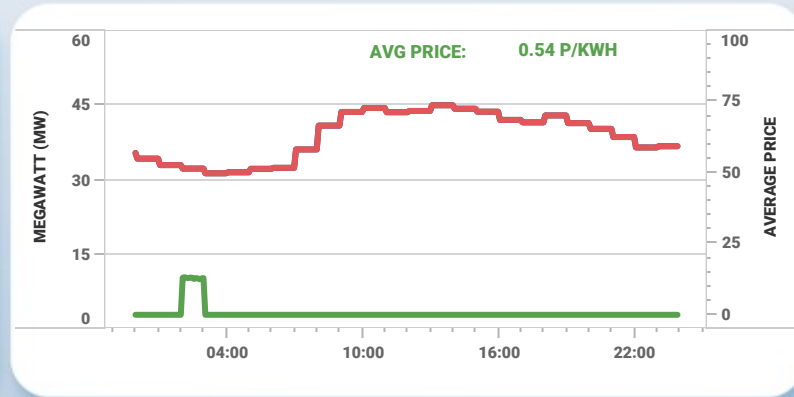
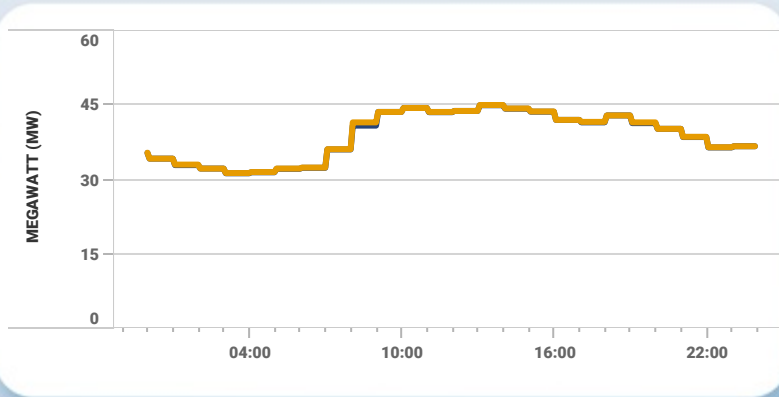
■ Reserve Requirement

■ Reserve Offers

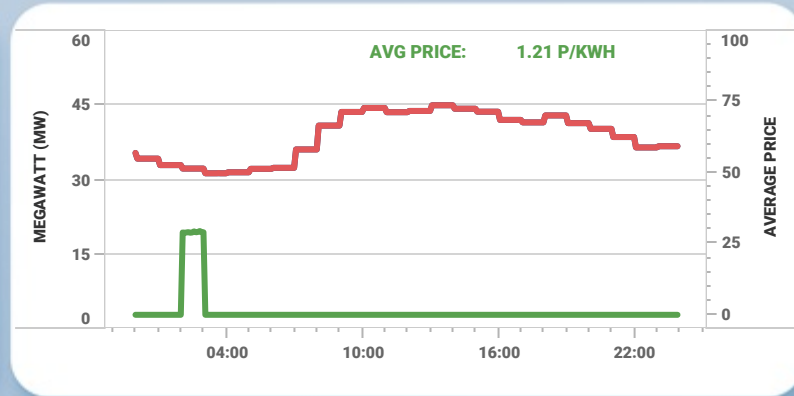
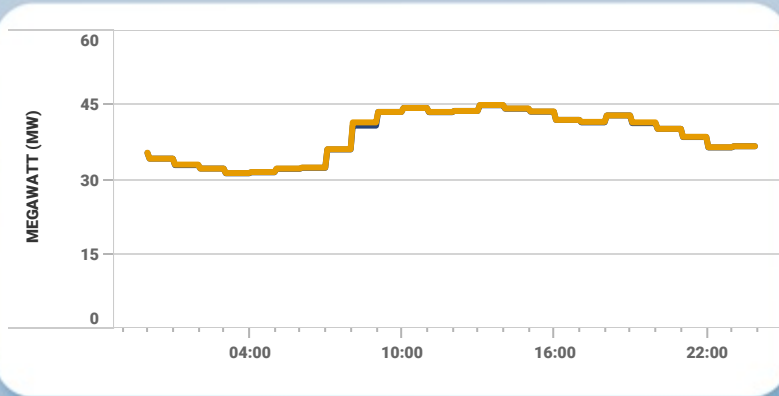
■ Reserve Schedule

■ Zonal Reserve Price

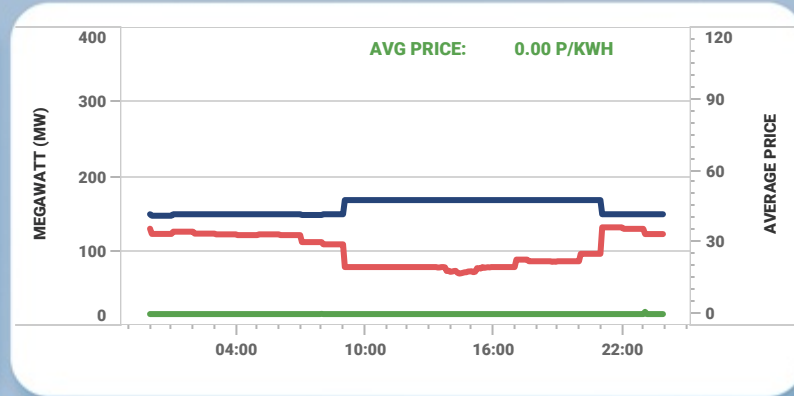
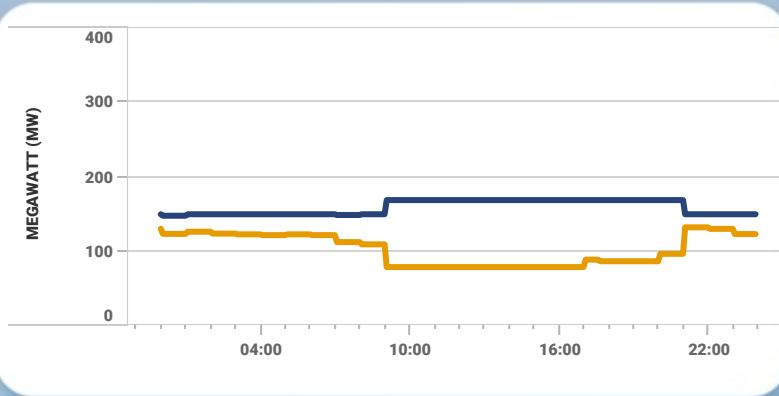
REGULATION UP RESERVE



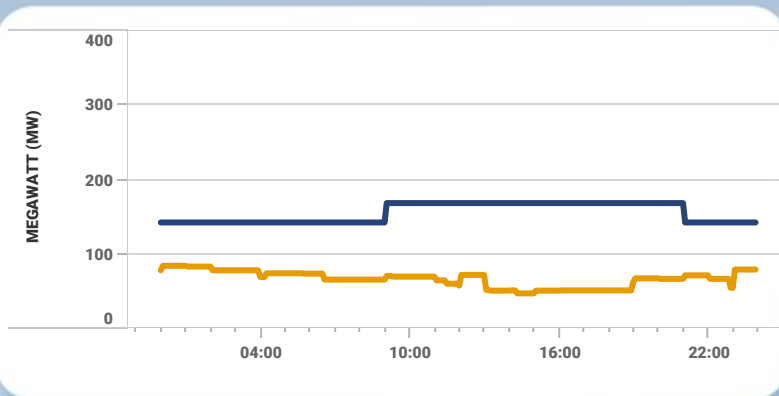
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE



MINDANAO RESERVES

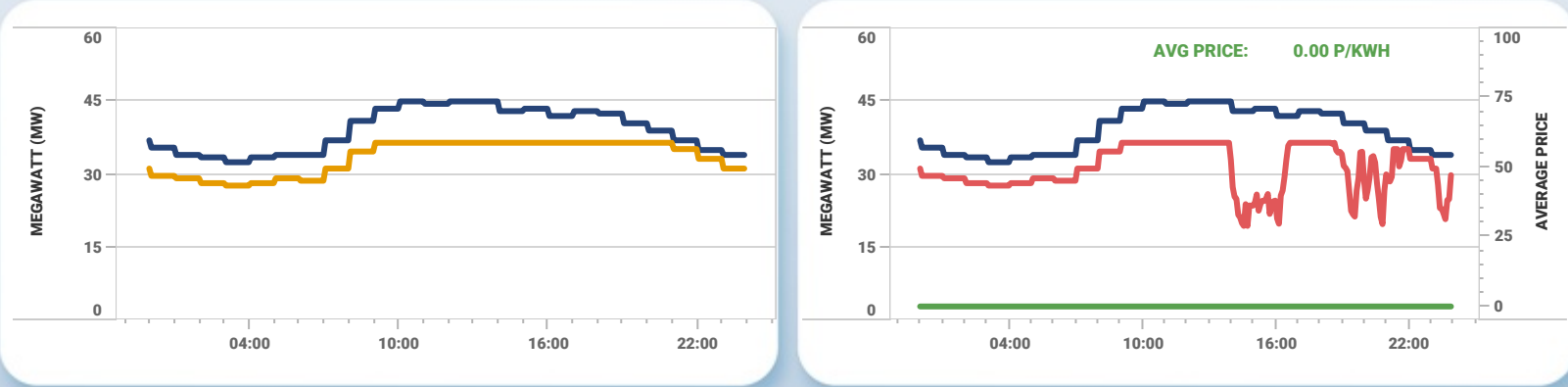
Reserve Requirement

Reserve Offers

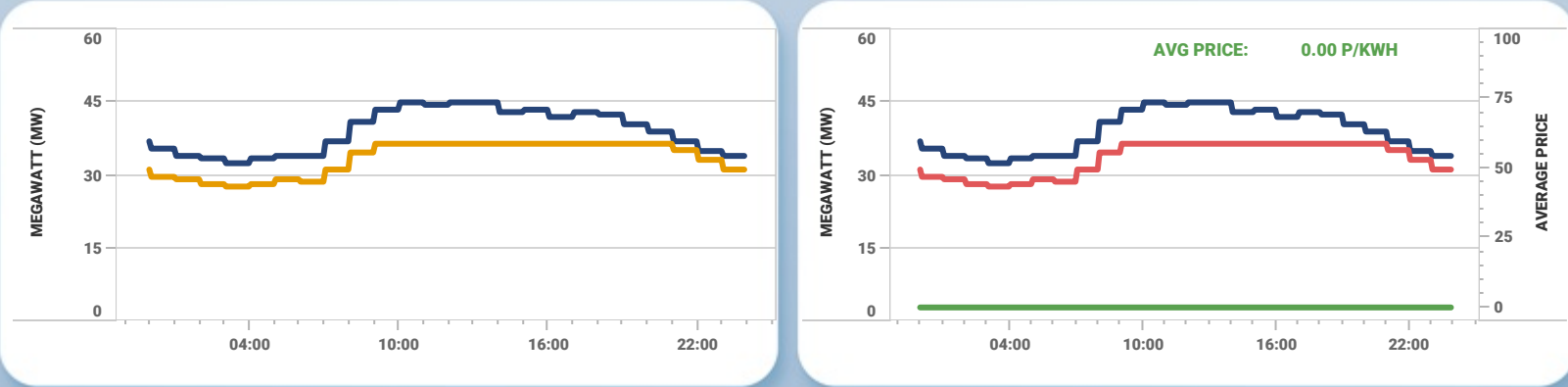
Reserve Schedule

Zonal Reserve Price

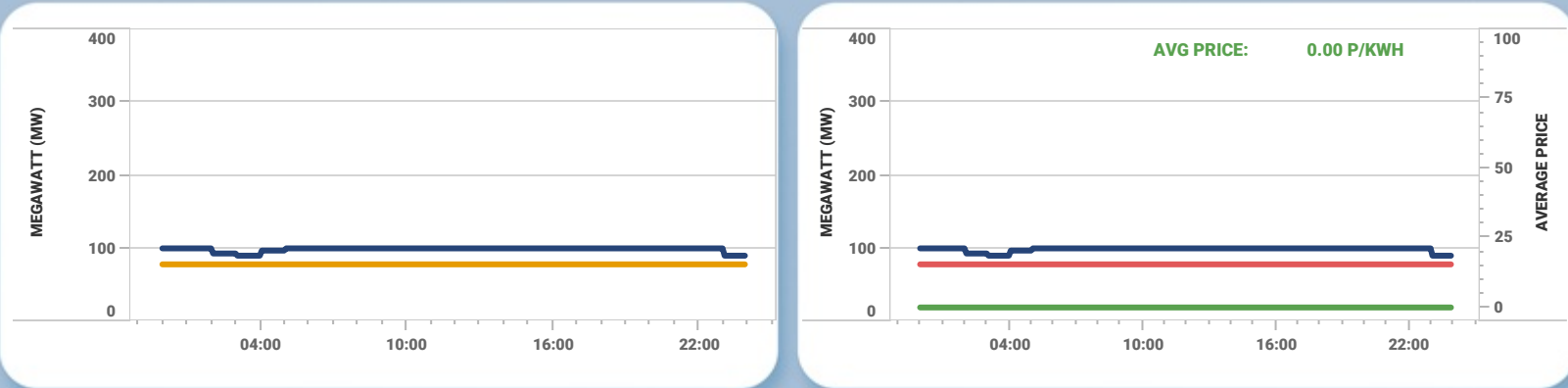
REGULATION UP RESERVE



REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE

