


MARKET OUTCOMES



Load Weighted  
Average Price

Php 4.02 /kWh

SYSTEM-WIDE

Luzon: Php 4.05 /kWh

Visayas: Php 4.43 /kWh

Mindanao: Php 3.39 /kWh



Average Supply


19,898 MW

SYSTEM-WIDE

Luzon: 14,136 MW

Visayas: 2,395 MW

Mindanao: 3,366 MW



Average Demand

14,927 MW

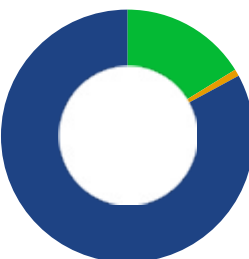
SYSTEM-WIDE

Luzon: 10,911 MW

Visayas: 2,038 MW

Mindanao: 1,978 MW

GENERATION MIX



58 GWH

16.2%  
Renewables

3 GWH

0.9%  
Energy Storage  
System

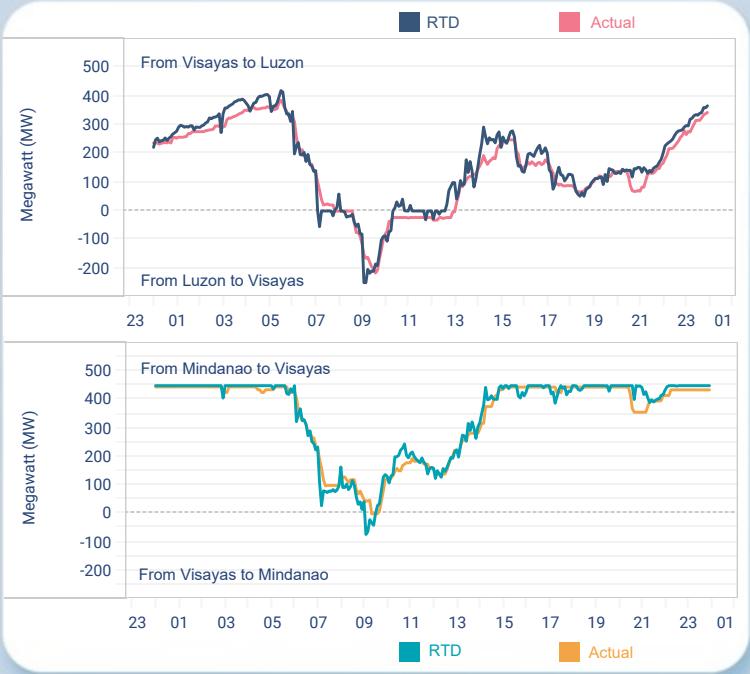
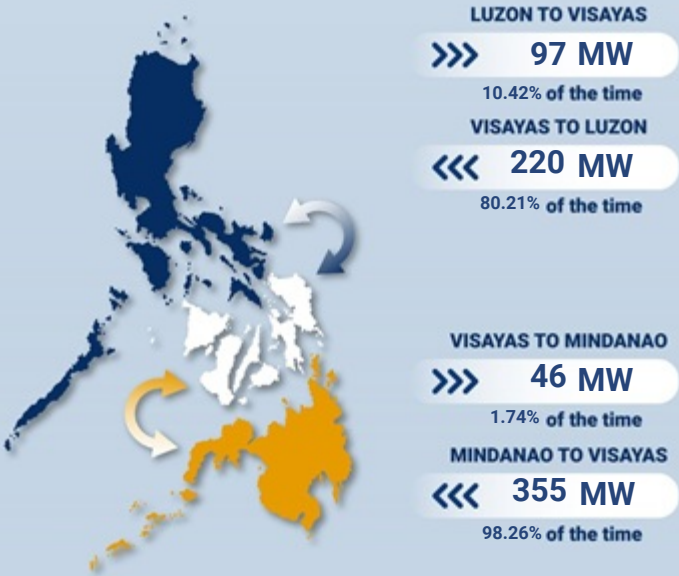
298 GWH

82.9%  
Non-renewables

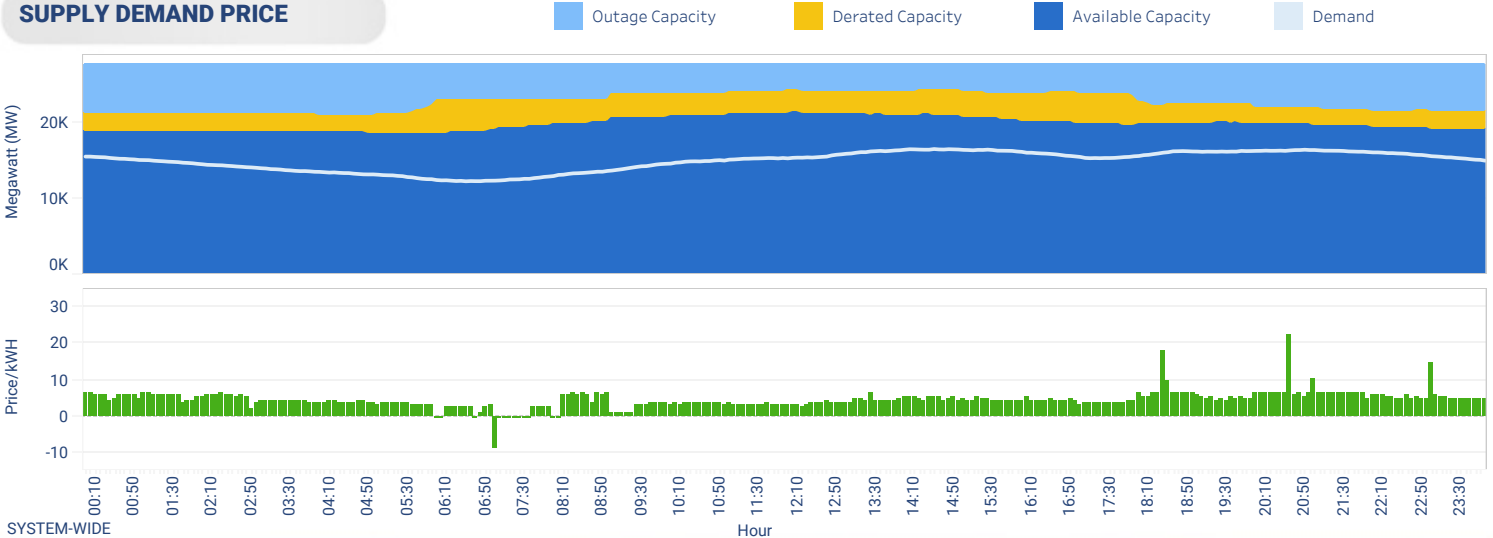
SYSTEM-WIDE

	NON-RENEWABLE ENERGY	RENEWABLE ENERGY	ENERGY STORAGE SYSTEM
Luzon	88.13%	10.66%	1.21%
Visayas	59.61%	40.39%	0.00%
Mindanao	77.30%	22.70%	0.00%

HVDC AVERAGE MW FLOW



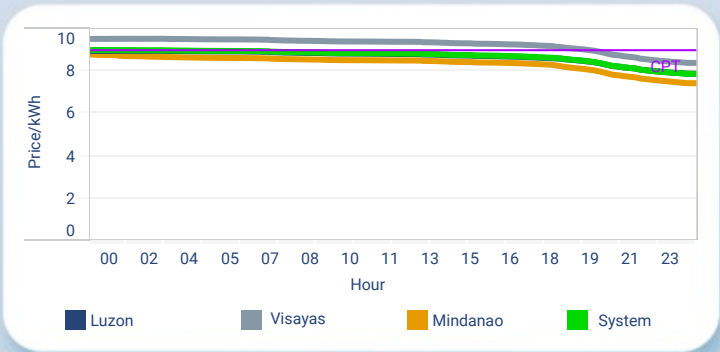
SUPPLY DEMAND PRICE



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	203	193	-10	203	195	-7	582	254	-328	582	176	-406
Visayas	40	40	0	40	40	0	167	94	-73	154	120	-33
Mindanao	42	33	-9	42	34	-8	105	73	-32	105	97	-8

ROLLING AVERAGE GENERATOR  
WEIGHTED AVERAGE PRICE

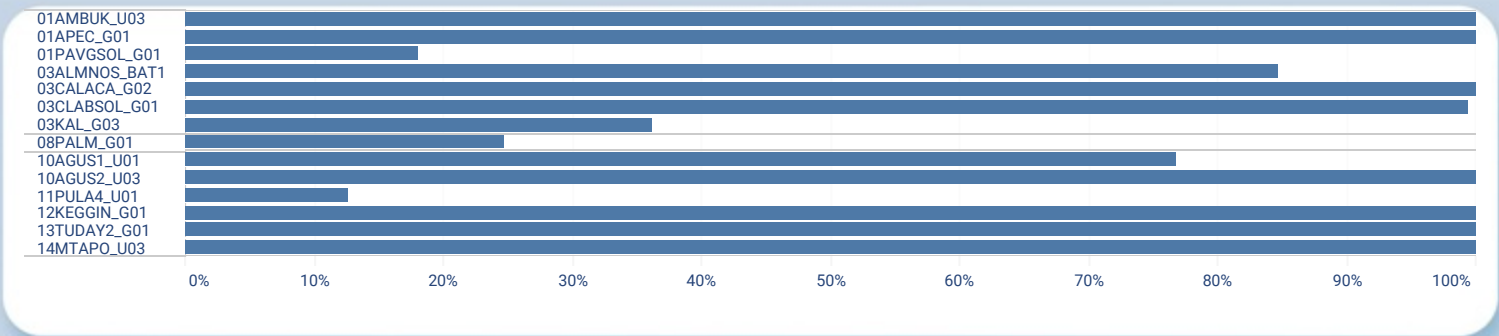


PRICE DISTRIBUTION

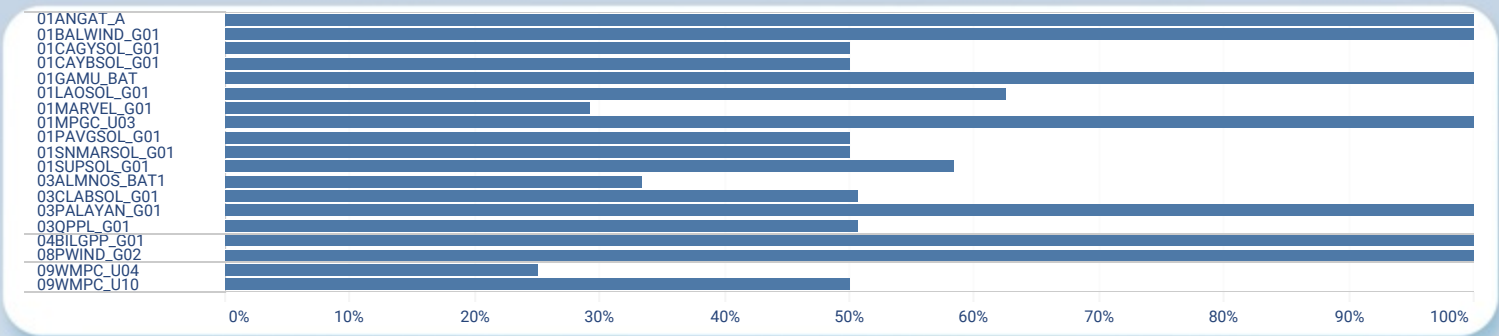
	Below 0 P/kWh	0 - 2.5 P/kWh	2.5 - 5.0 P/kWh	5 - 10 P/kWh	Above 10 P/kWh
System	1%	11%	64%	22%	1%
Luzon	1%	12%	63%	23%	1%
Visayas	1%	9%	65%	24%	1%
Mindanao	1%	11%	82%	6%	0%

Based on Generator Weighted Average Price (GWAP)

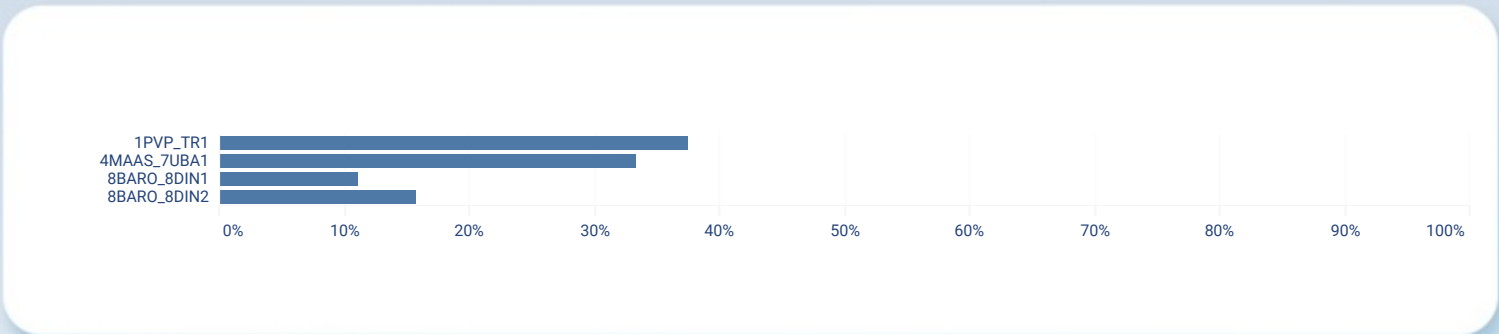
GENERATORS ON OUTAGE



GENERATORS WITH SYSTEM OPERATOR OVERRIDING CONSTRAINT



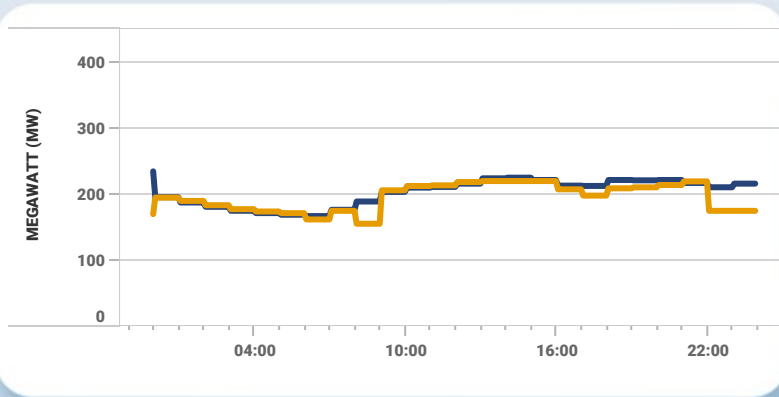
FREQUENT CONGESTIONS



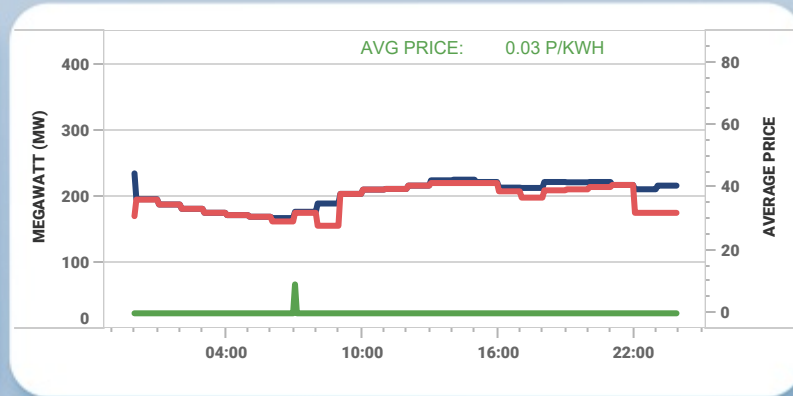
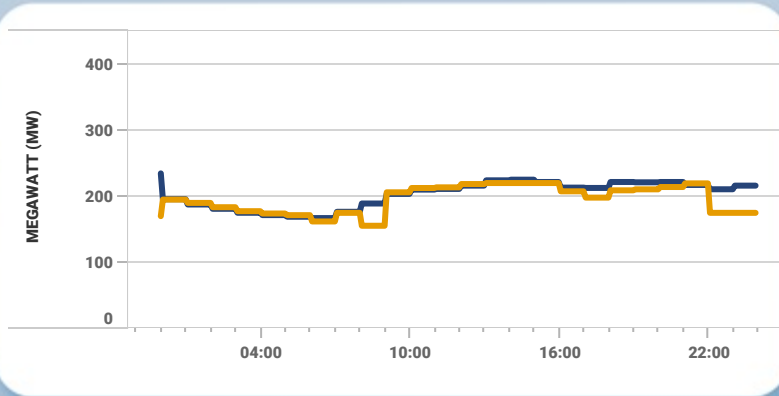
LUZON RESERVES

Reserve Requirement   Reserve Offers   Reserve Schedule   Zonal Reserve Price

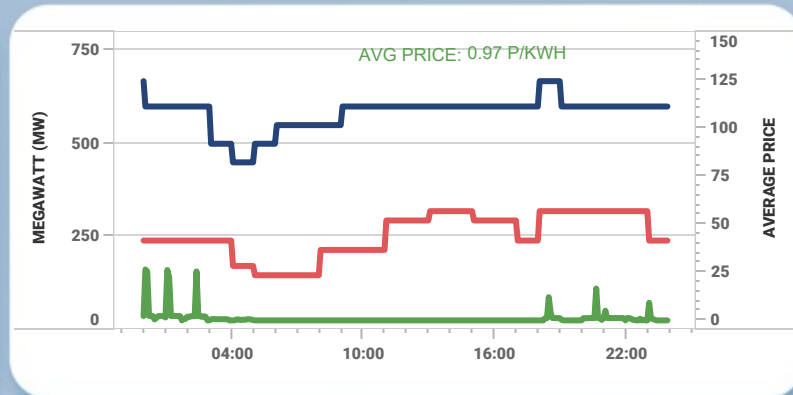
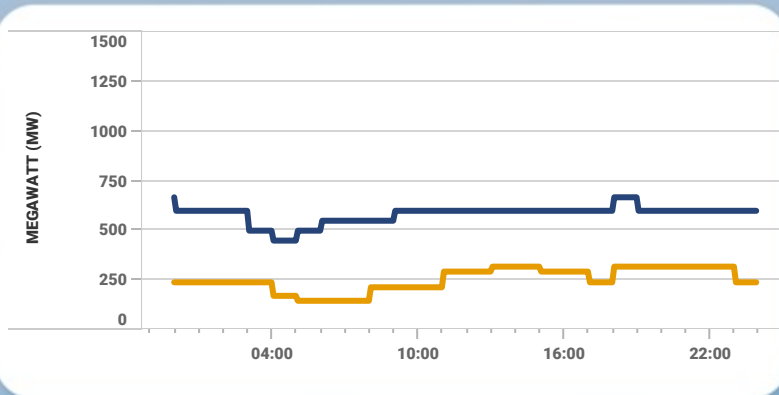
REGULATION UP RESERVE



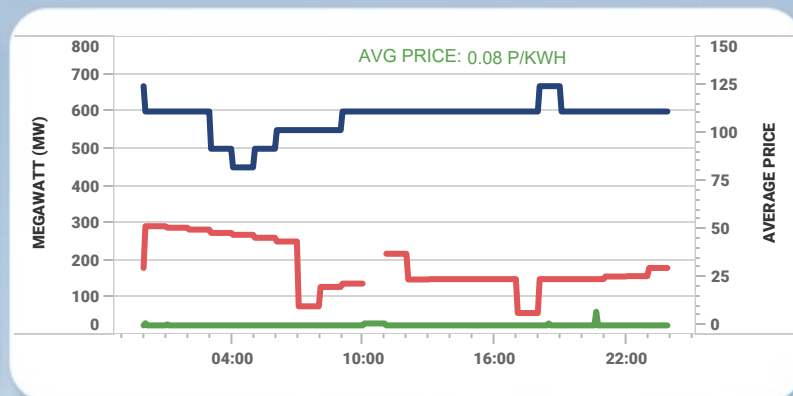
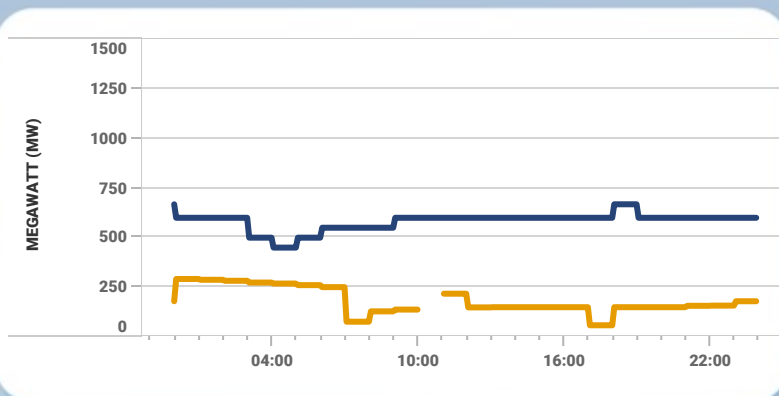
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



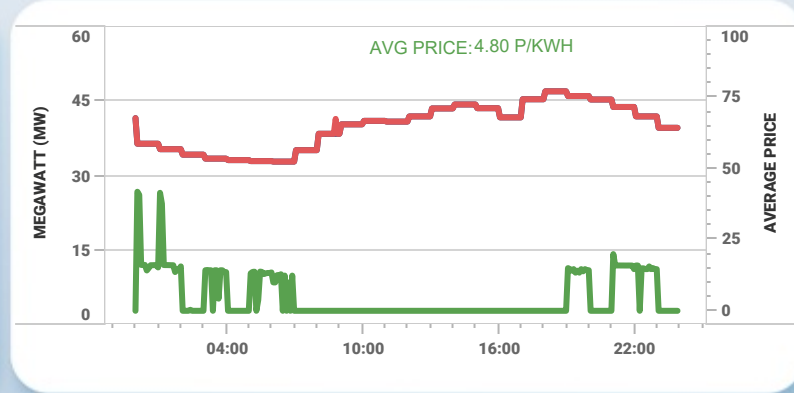
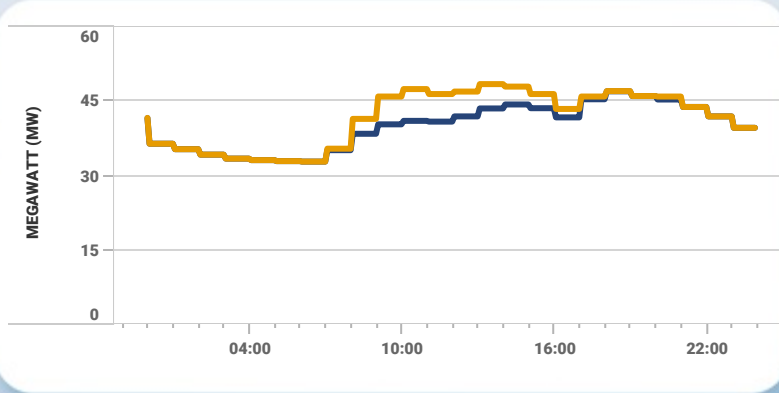
DISPATCHABLE RESERVE



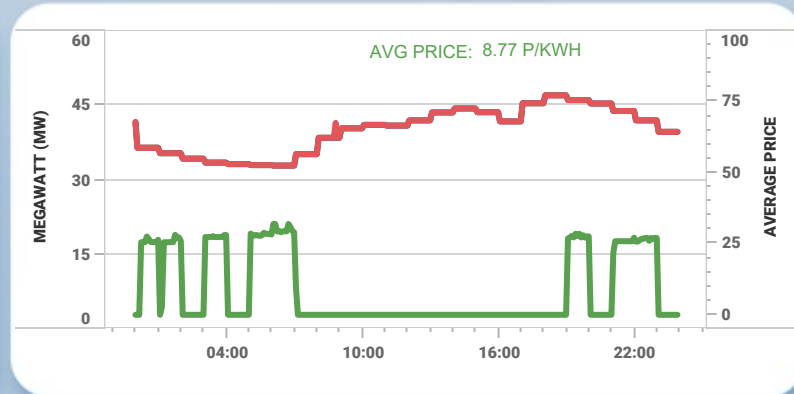
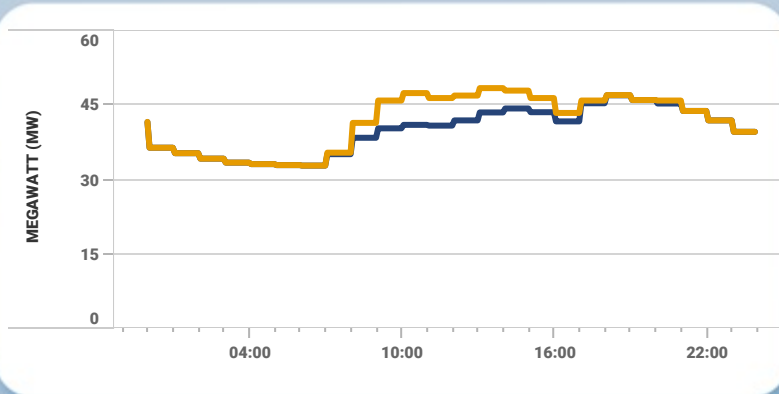
VISAYAS RESERVES

Reserve Requirement   Reserve Offers   Reserve Schedule   Zonal Reserve Price

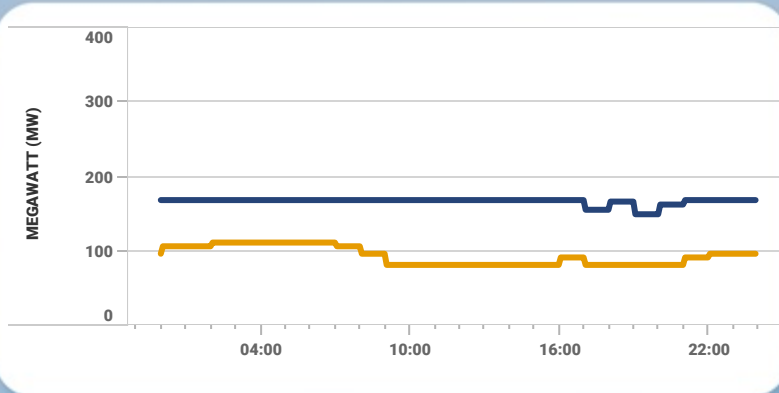
REGULATION UP RESERVE



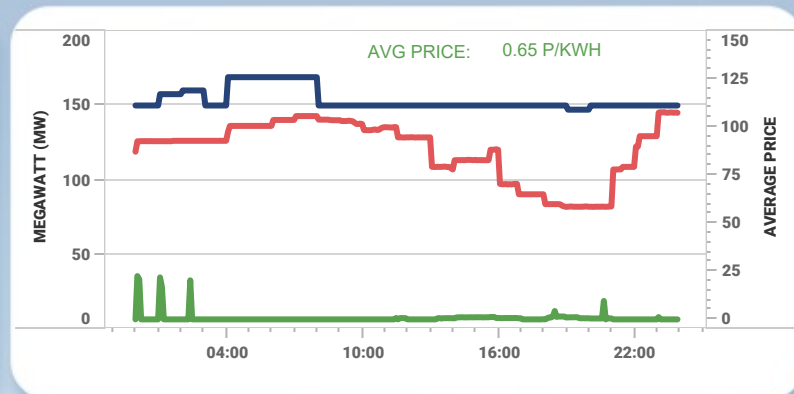
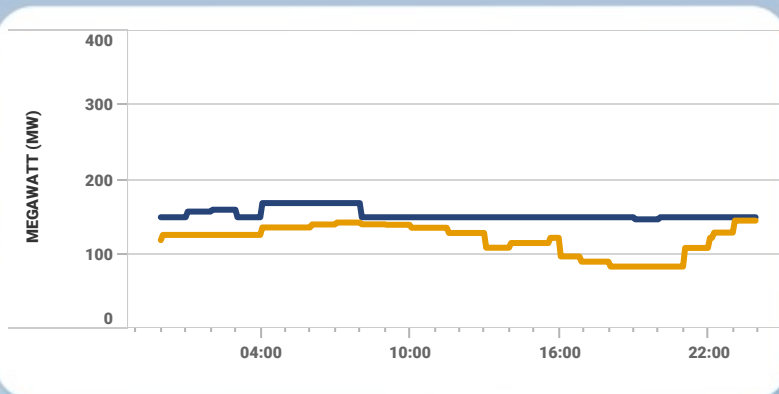
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE



MINDANAO RESERVES

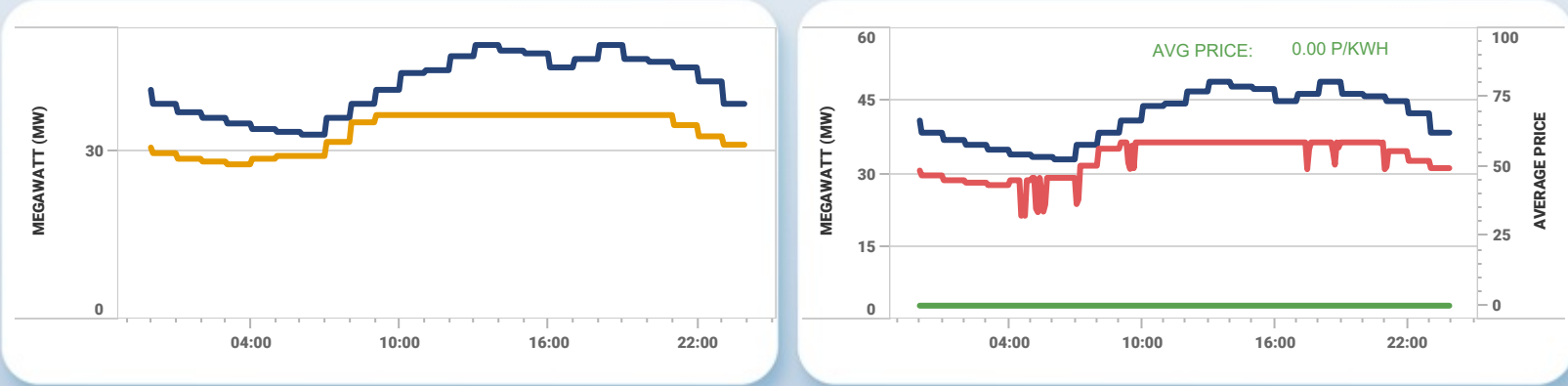
Reserve Requirement

Reserve Offers

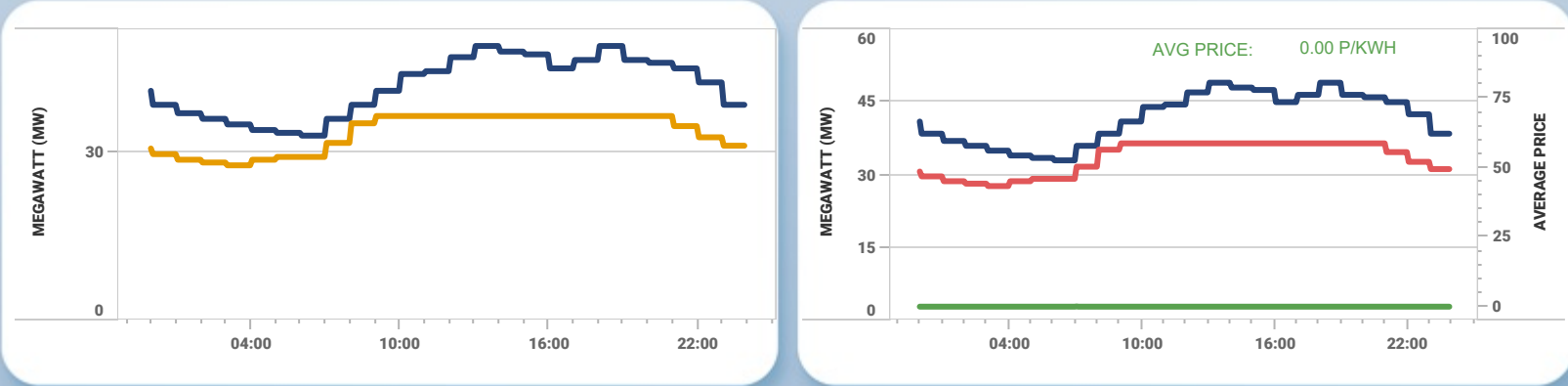
Reserve Schedule

Zonal Reserve Price

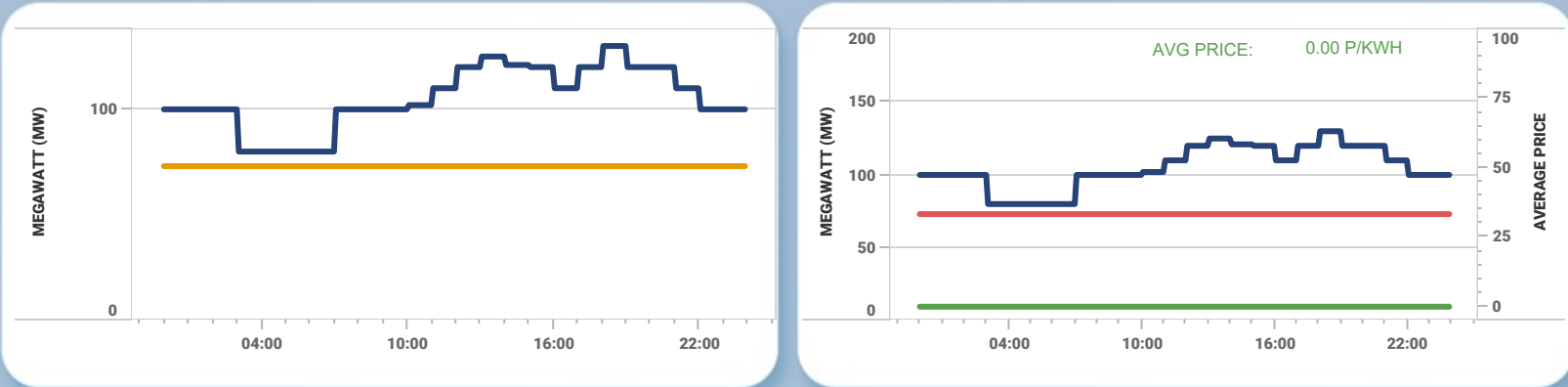
REGULATION UP RESERVE



REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE

