


MARKET OUTCOMES



Load Weighted  
Average Price

Php 12.74 /kWh

Luzon: Php 12.24 /kWh

Visayas: Php 15.72 /kWh

Mindanao: Php 12.33 /kWh

SYSTEM-WIDE



Average Supply


19,566 MW

Luzon: 14,133 MW

Visayas: 2,373 MW

Mindanao: 3,060 MW

SYSTEM-WIDE



Average Demand

16,309 MW

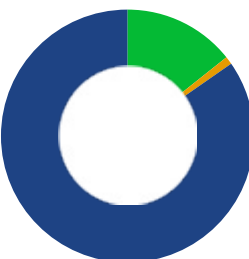
Luzon: 11,818 MW

Visayas: 2,213 MW

Mindanao: 2,278 MW

SYSTEM-WIDE

GENERATION MIX



56 GWH

14.3%  
Renewables

4 GWH

1.0%  
Energy Storage  
System

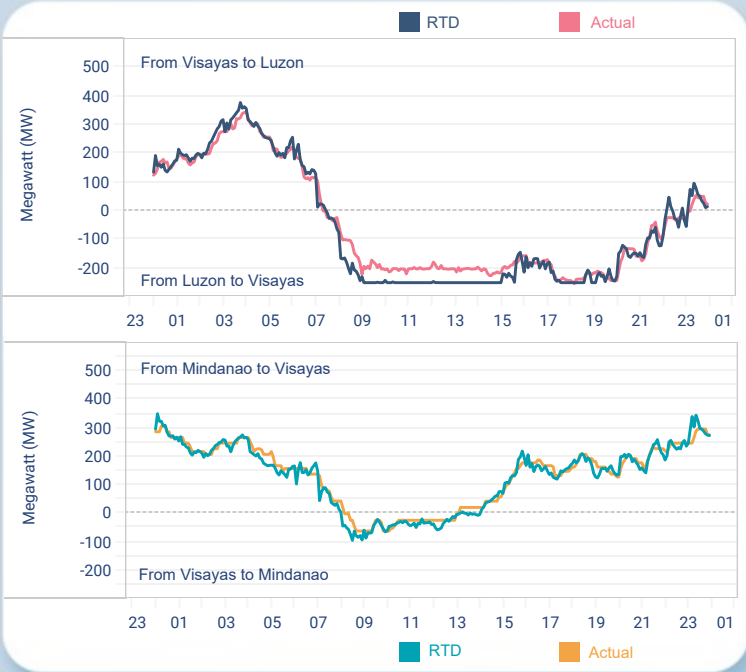
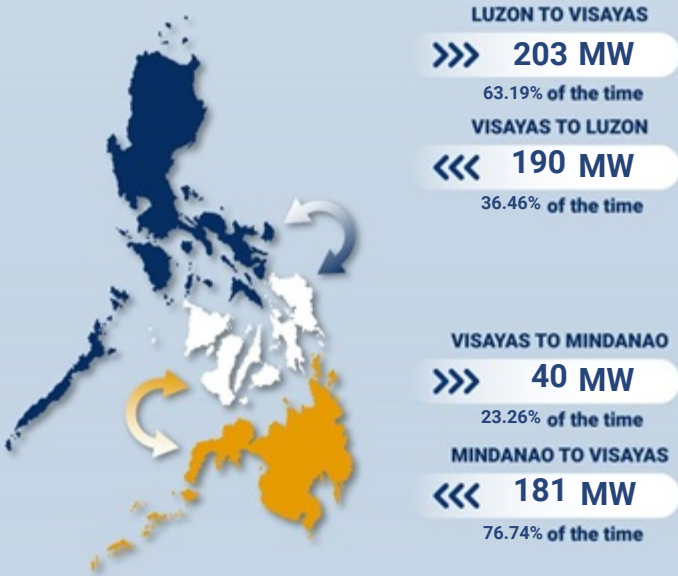
333 GWH

84.7%  
Non-renewables

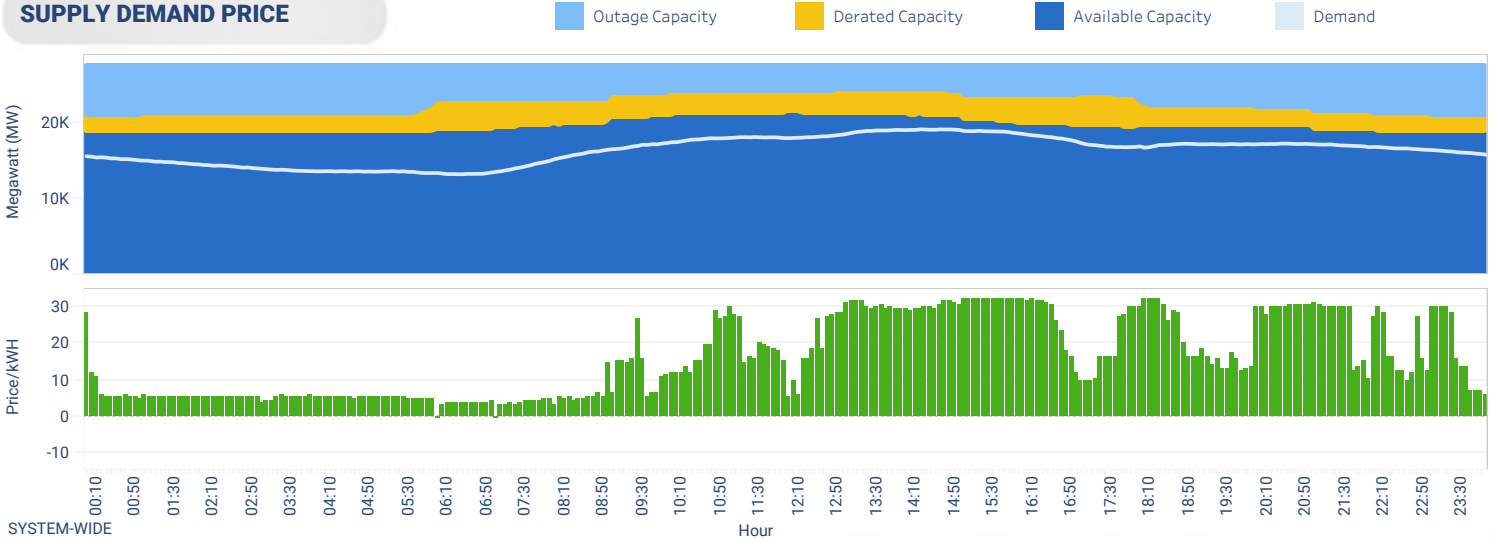
SYSTEM-WIDE

	NON-RENEWABLE ENERGY	RENEWABLE ENERGY	ENERGY STORAGE SYSTEM
Luzon	89.32%	9.31%	1.38%
Visayas	63.49%	36.51%	0.00%
Mindanao	79.54%	20.46%	0.00%

HVDC AVERAGE MW FLOW



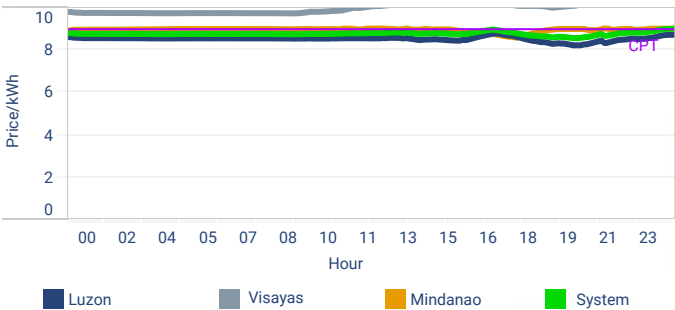
SUPPLY DEMAND PRICE



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	233	176	-58	233	178	-55	634	261	-373	634	167	-467
Visayas	44	44	0	44	44	0	167	88	-79	151	84	-67
Mindanao	44	32	-12	44	33	-11	123	73	-50	123	102	-20

ROLLING AVERAGE GENERATOR  
WEIGHTED AVERAGE PRICE

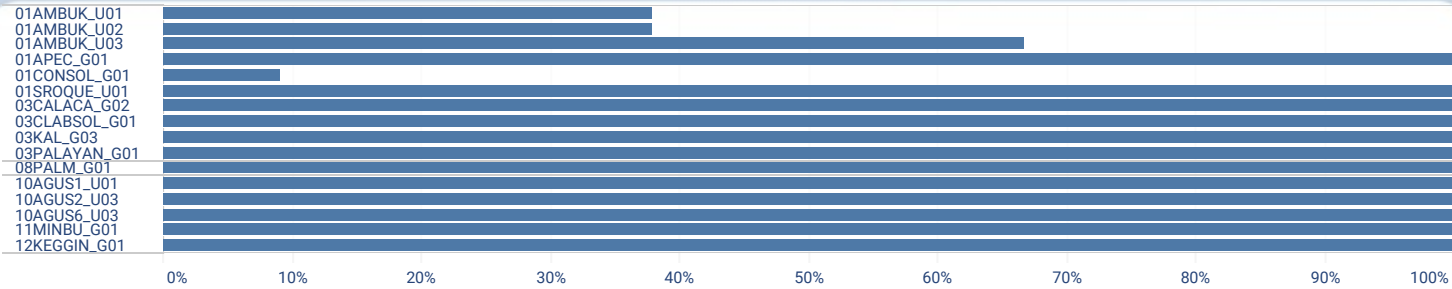


PRICE DISTRIBUTION

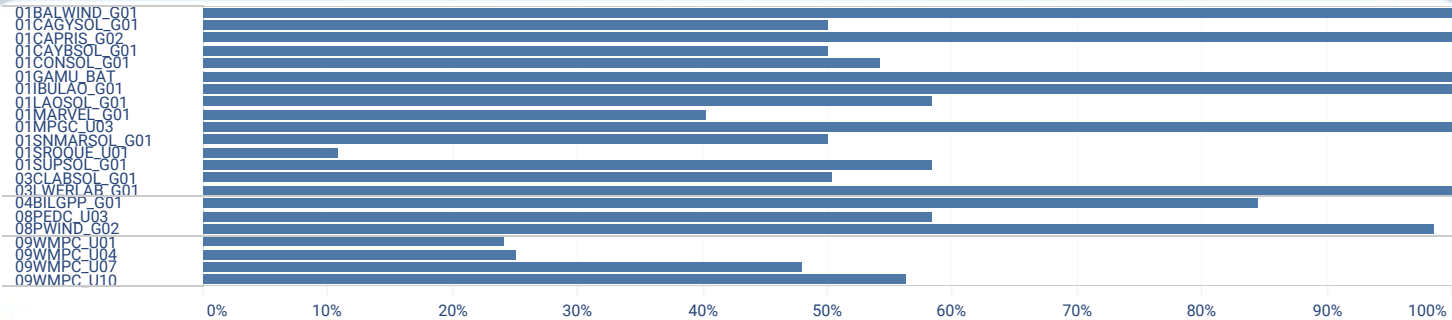
	Below 0 P/kWh	0 - 2.5 P/kWh	2.5 - 5.0 P/kWh	5 - 10 P/kWh	Above 10 P/kWh
System	0%	1%	33%	20%	46%
Luzon	1%	1%	45%	15%	39%
Visayas	0%	0%	21%	22%	57%
Mindanao	0%	0%	33%	33%	33%

Based on Generator Weighted Average Price (GWAP)

GENERATORS ON OUTAGE



GENERATORS WITH SYSTEM OPERATOR OVERRIDING CONSTRAINT



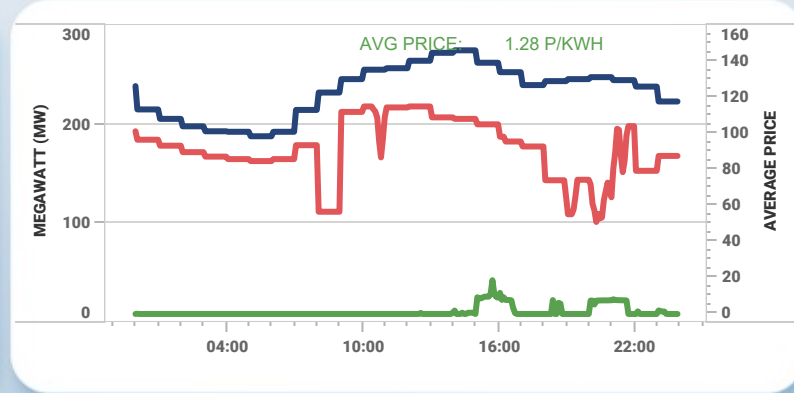
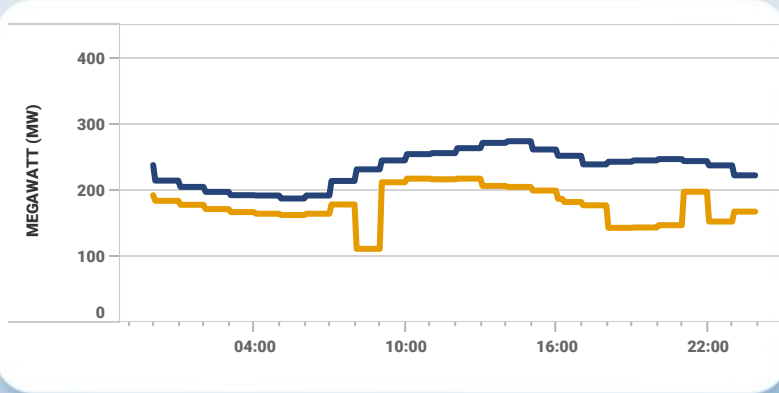
FREQUENT CONGESTIONS



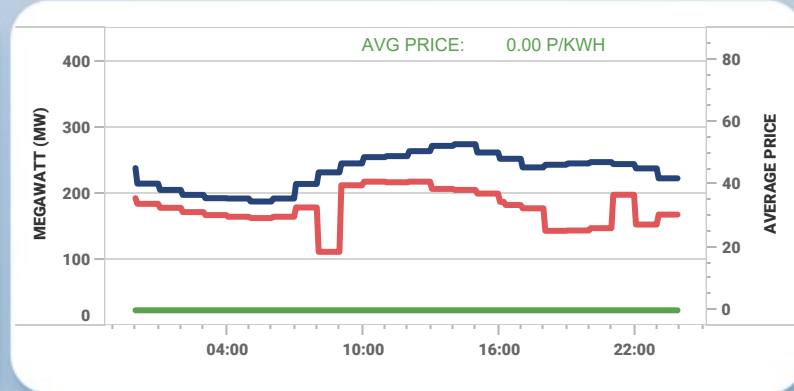
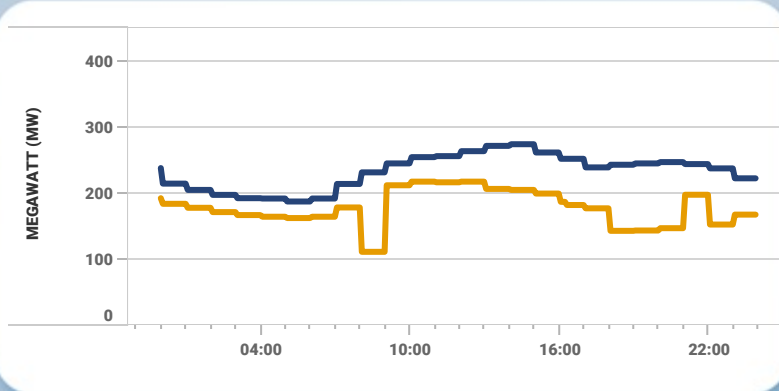
LUZON RESERVES

Reserve Requirement   Reserve Offers   Reserve Schedule   Zonal Reserve Price

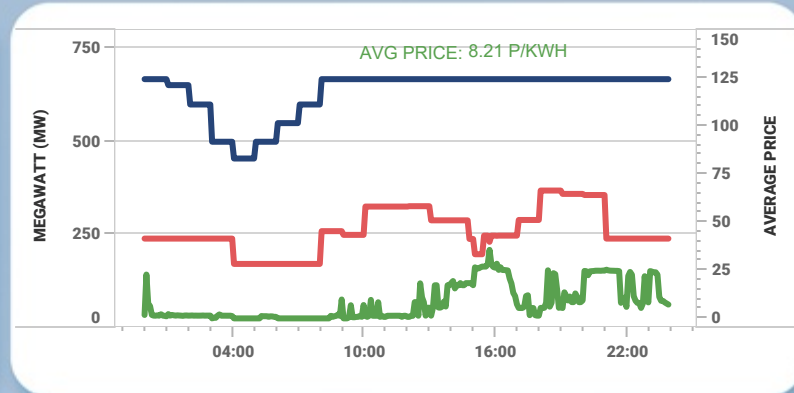
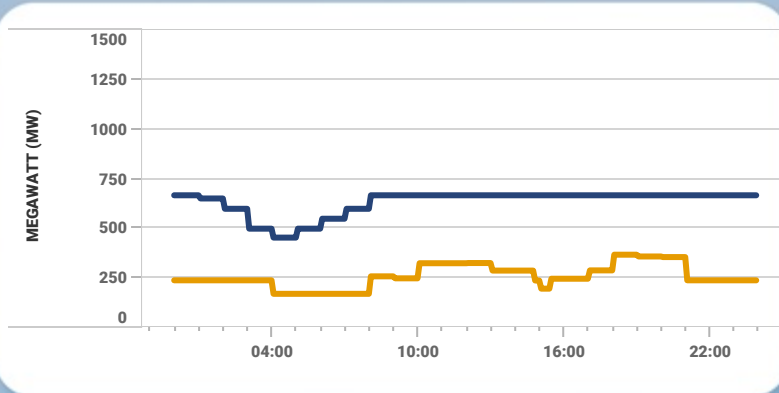
REGULATION UP RESERVE



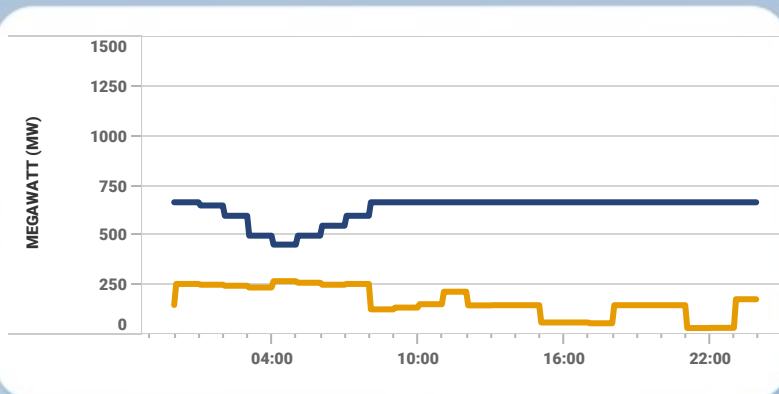
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



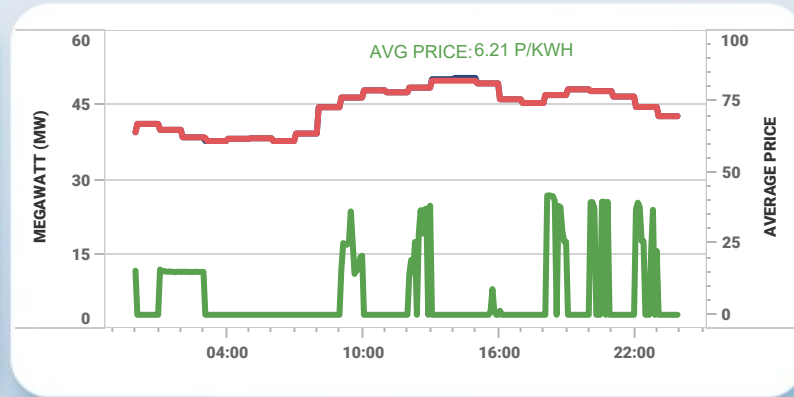
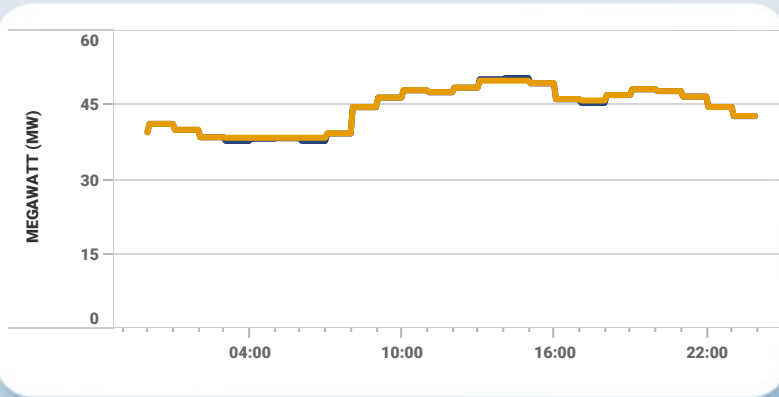
DISPATCHABLE RESERVE



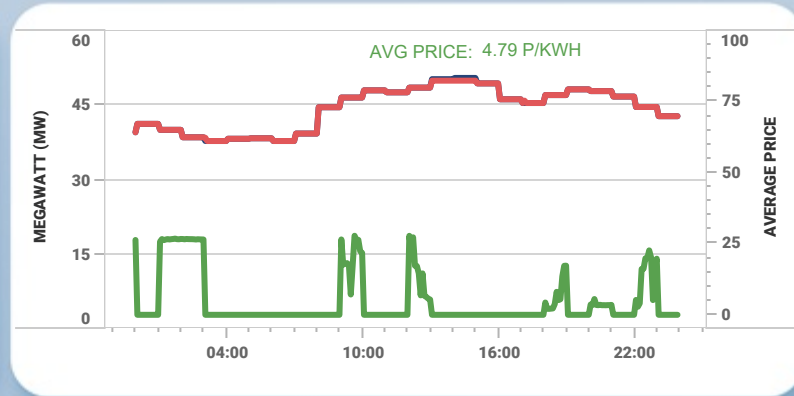
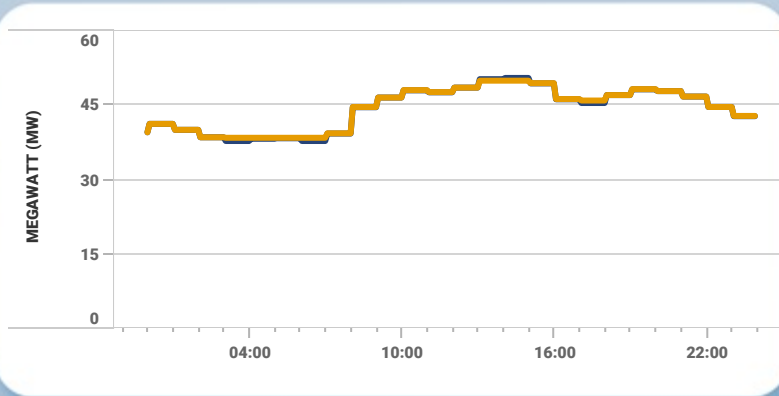
VISAYAS RESERVES

Reserve Requirement   Reserve Offers   Reserve Schedule   Zonal Reserve Price

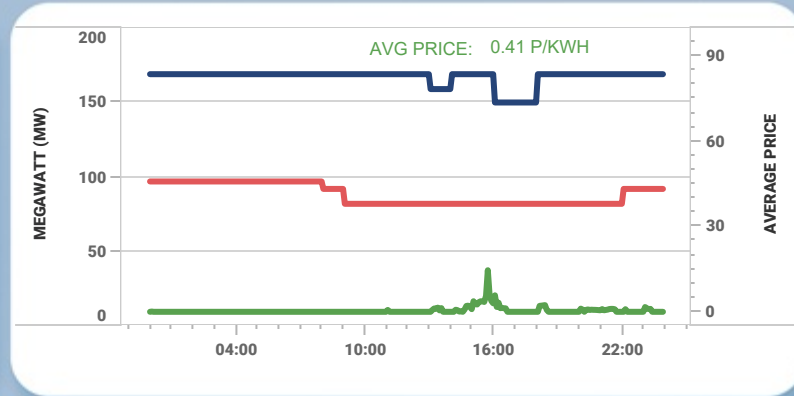
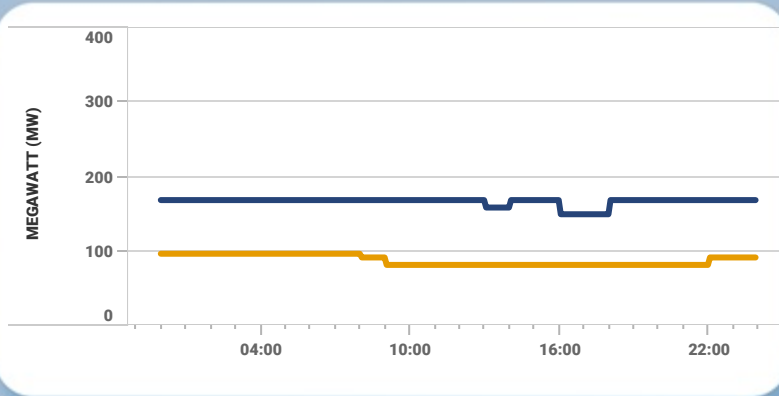
REGULATION UP RESERVE



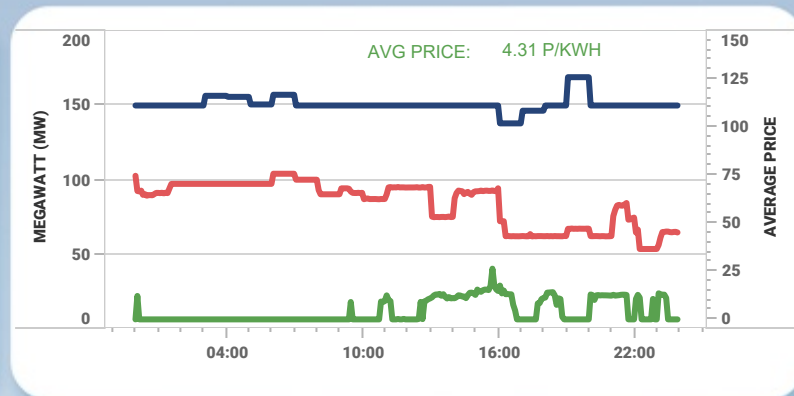
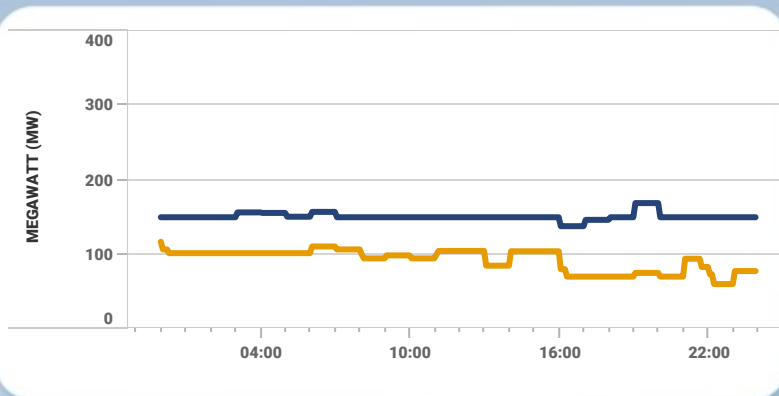
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



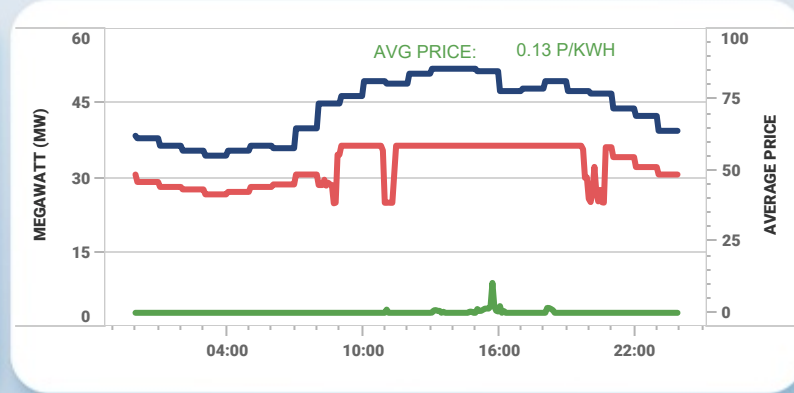
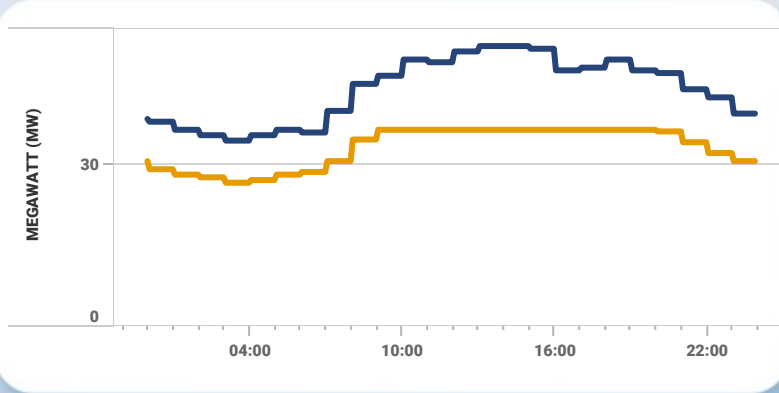
DISPATCHABLE RESERVE



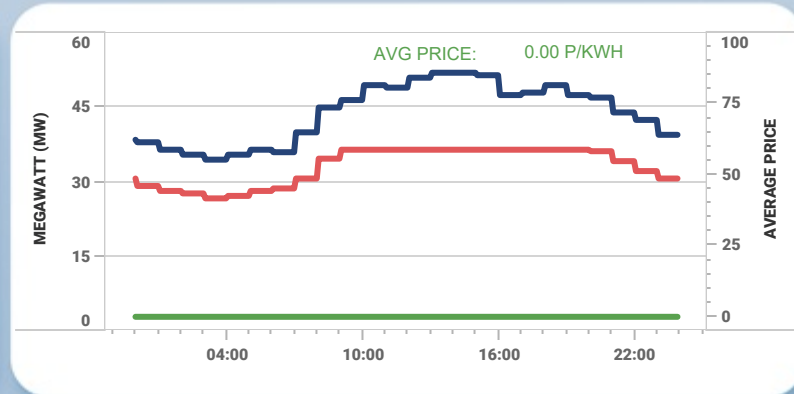
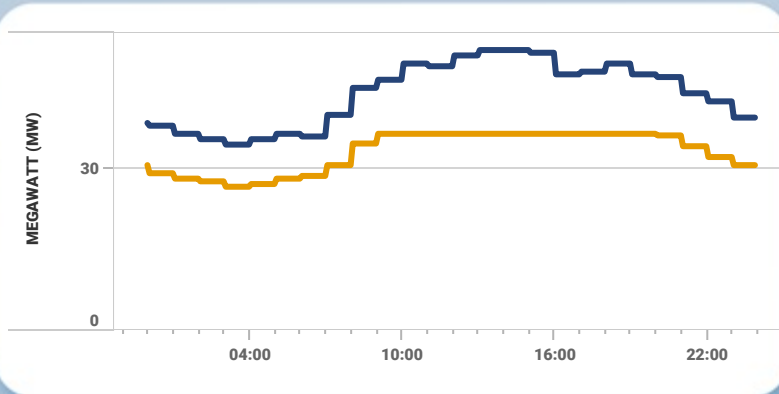
**MINDANAO RESERVES**

■ Reserve Requirement   ■ Reserve Offers   ■ Reserve Schedule   ■ Zonal Reserve Price

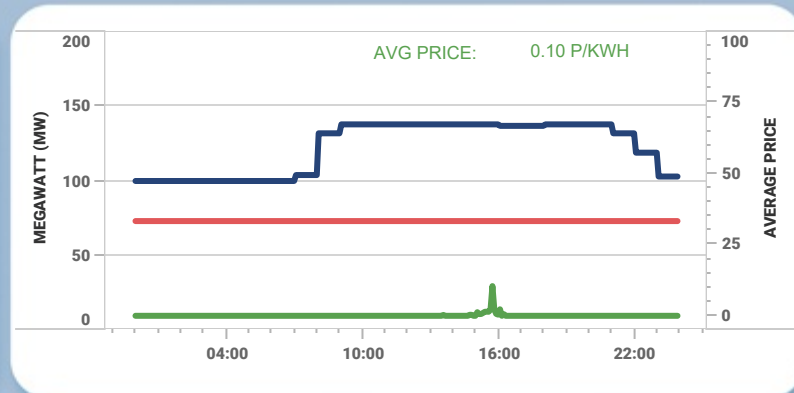
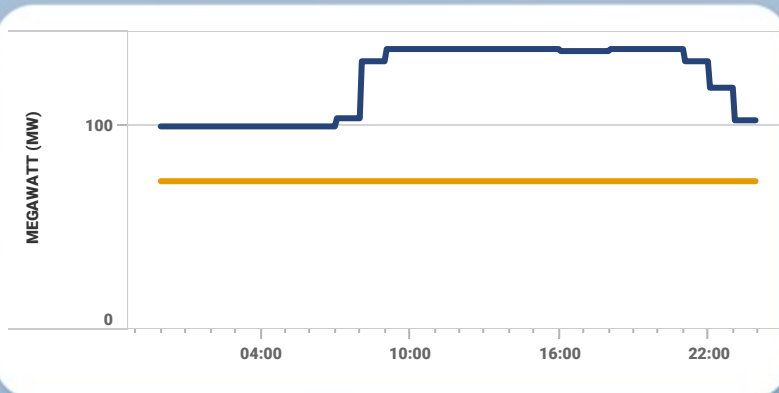
**REGULATION UP RESERVE**



**REGULATION DOWN RESERVE**



**CONTINGENCY RESERVE**



**DISPATCHABLE RESERVE**

