


MARKET OUTCOMES



Load Weighted
Average Price

Php 5.92 /kWh

Luzon: Php 5.31 /kWh

Visayas: Php 10.65 /kWh

Mindanao: Php 3.98 /kWh

SYSTEM-WIDE



Average Supply


19,256 MW

Luzon: 12,978 MW

Visayas: 2,420 MW

Mindanao: 3,926 MW

SYSTEM-WIDE



Average Demand

13,868 MW

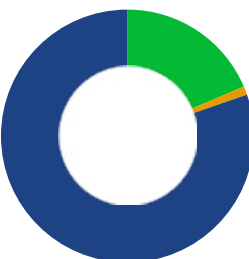
Luzon: 9,819 MW

Visayas: 1,962 MW

Mindanao: 2,087 MW

SYSTEM-WIDE

GENERATION MIX



62 GWH

18.6%
Renewables

4 GWH

1.1%
Energy Storage
System

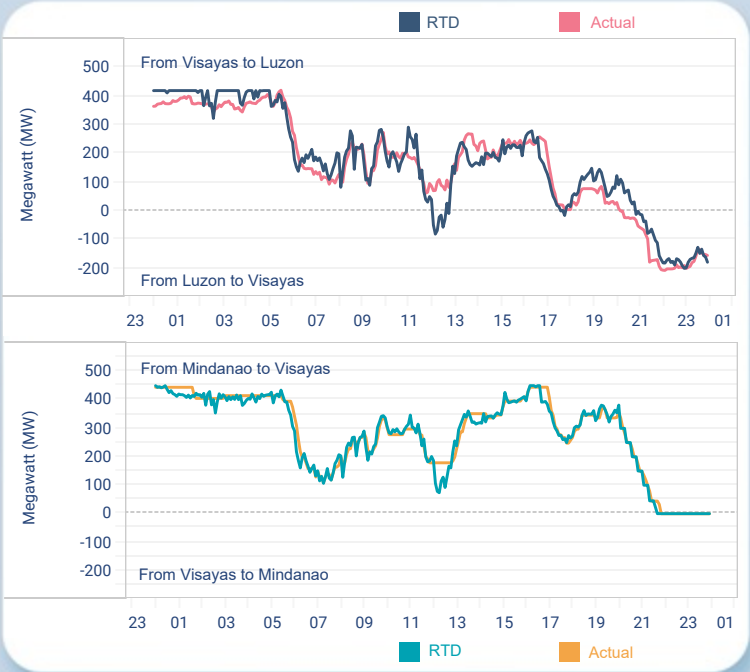
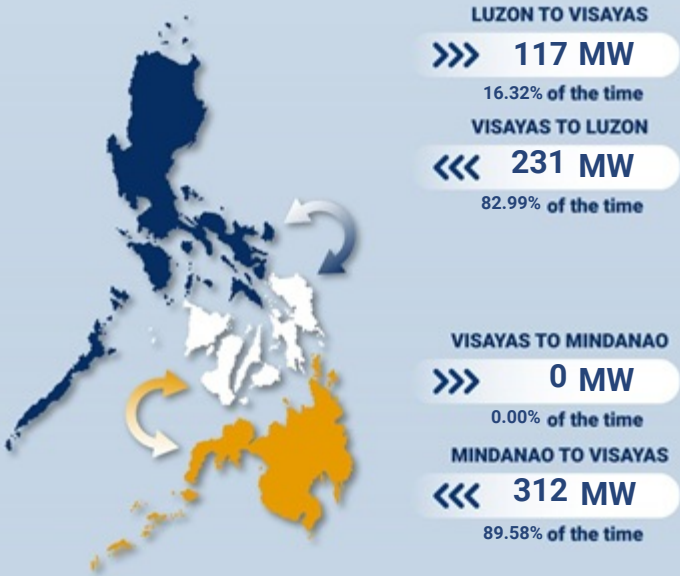
269 GWH

80.3%
Non-renewables

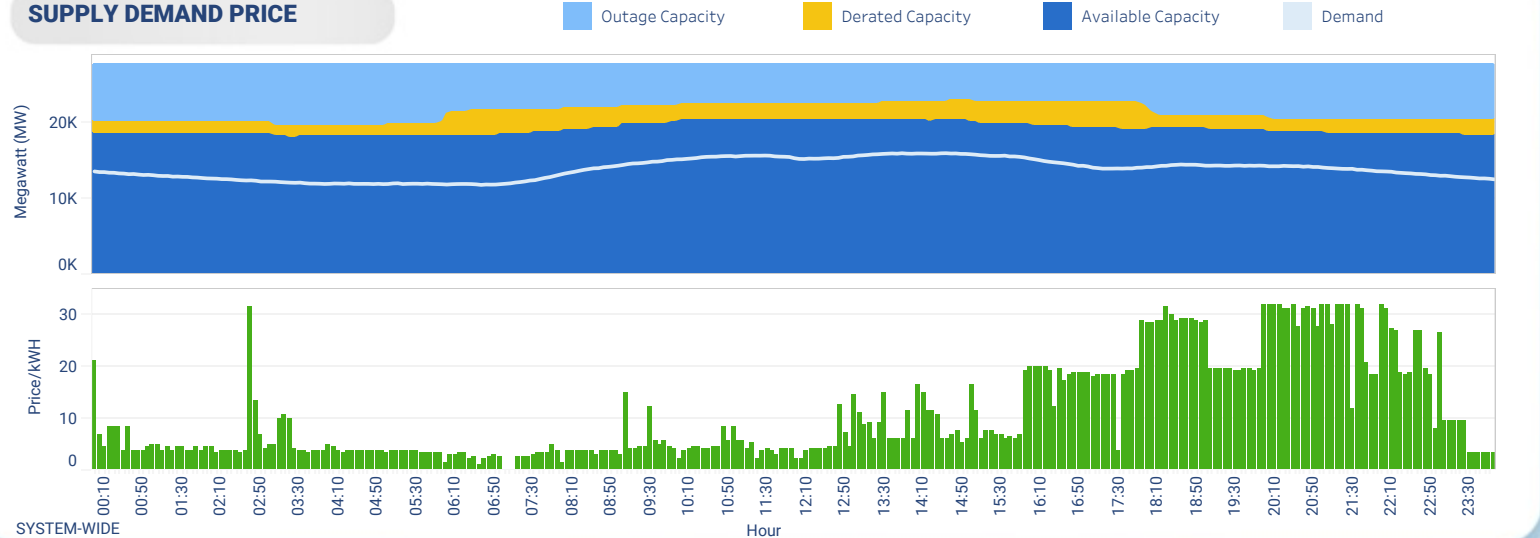
SYSTEM-WIDE

	NON-RENEWABLE ENERGY	RENEWABLE ENERGY	ENERGY STORAGE SYSTEM
Luzon	85.52%	12.93%	1.55%
Visayas	59.23%	40.76%	0.02%
Mindanao	75.33%	24.67%	0.00%

HVDC AVERAGE MW FLOW



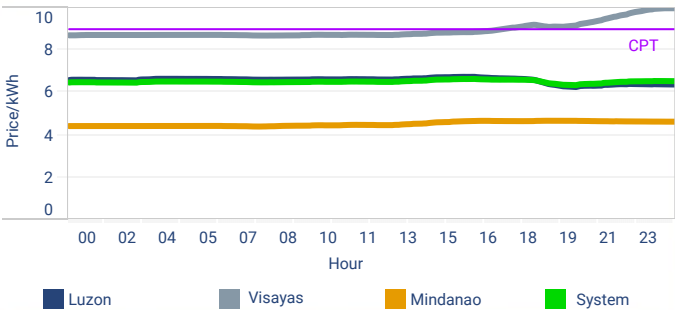
SUPPLY DEMAND PRICE



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	191	188	-3	191	188	-3	640	640	0	598	598	0
Visayas	39	39	0	39	39	0	169	165	-4	159	159	0
Mindanao	40	40	0	40	40	0	104	104	0	104	104	0

ROLLING AVERAGE GENERATOR
WEIGHTED AVERAGE PRICE

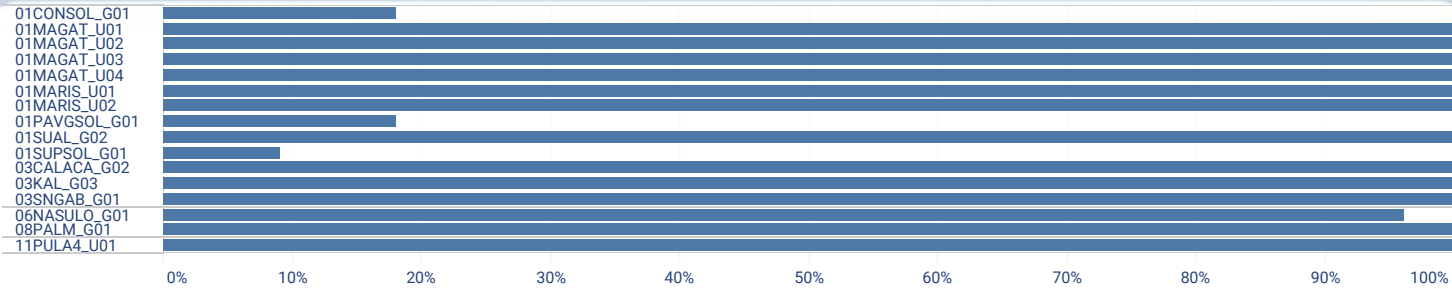


PRICE DISTRIBUTION

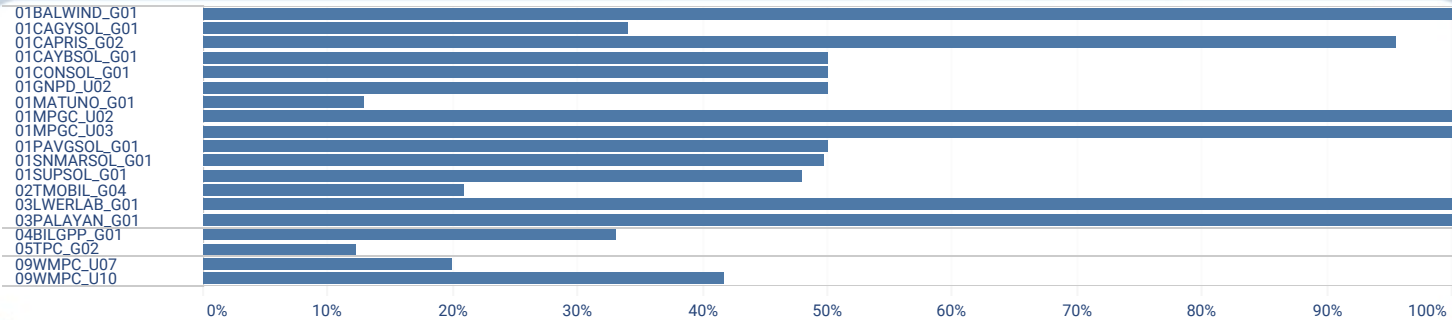
	Below 0 ₱/kWh	0 - 2.5 ₱/kWh	2.5 - 5.0 ₱/kWh	5 - 10 ₱/kWh	Above 10 ₱/kWh
System	0%	7%	60%	20%	13%
Luzon	0%	8%	71%	10%	10%
Visayas	0%	5%	46%	14%	34%
Mindanao	1%	13%	75%	7%	4%

Based on Generator Weighted Average Price (GWAP)

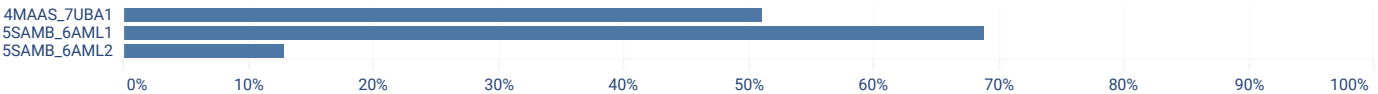
GENERATORS ON OUTAGE



GENERATORS WITH SYSTEM OPERATOR OVERRIDING CONSTRAINT



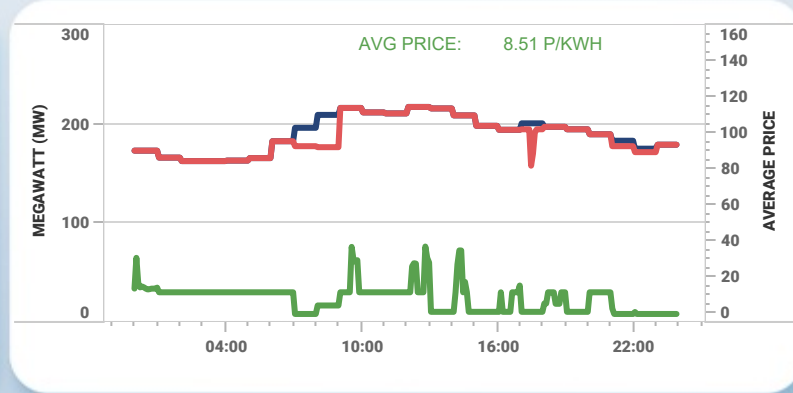
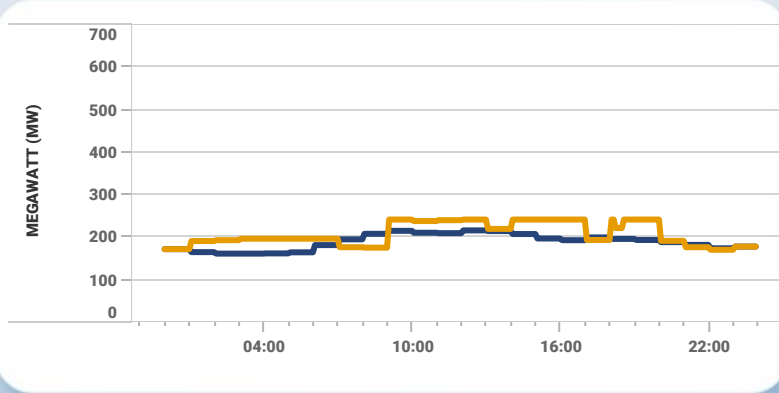
FREQUENT CONGESTIONS



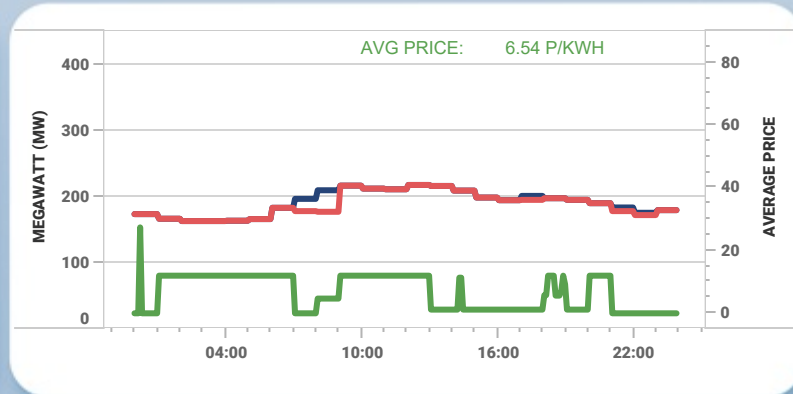
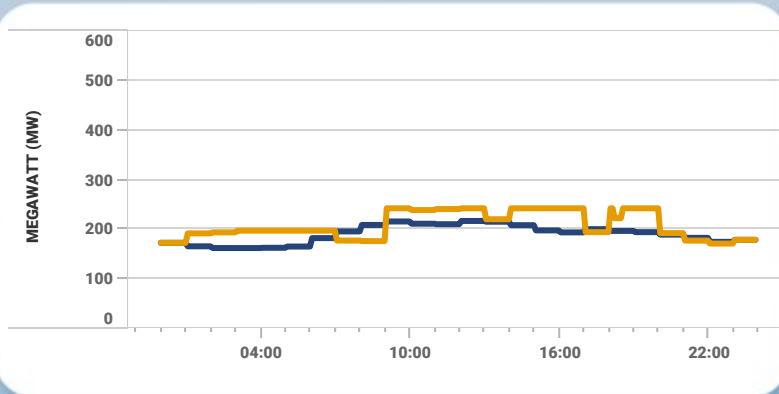
LUZON RESERVES

Reserve Requirement Reserve Offers Reserve Schedule Zonal Reserve Price

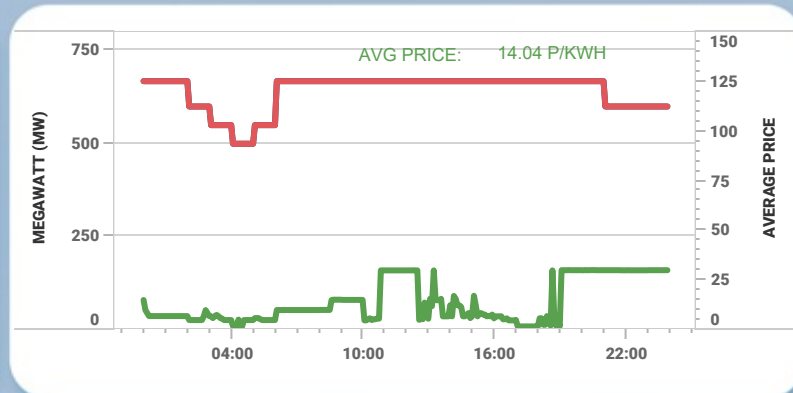
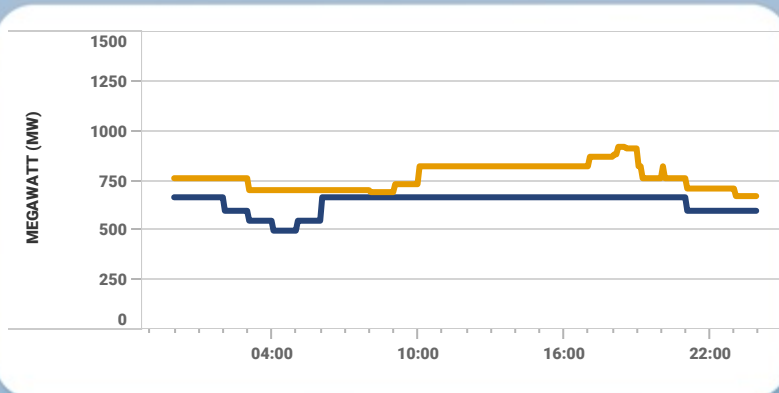
REGULATION UP RESERVE



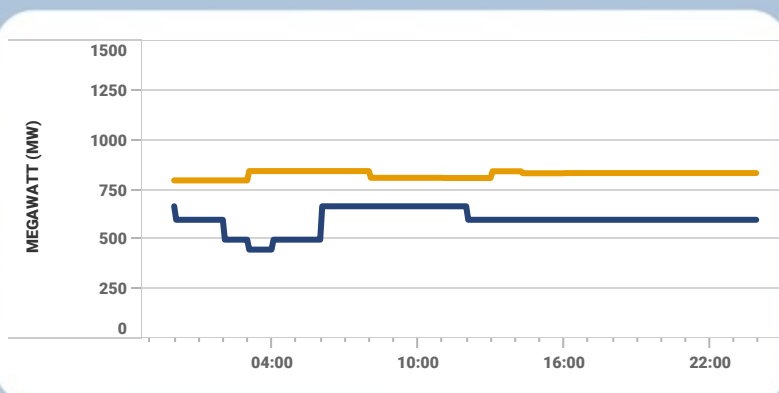
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



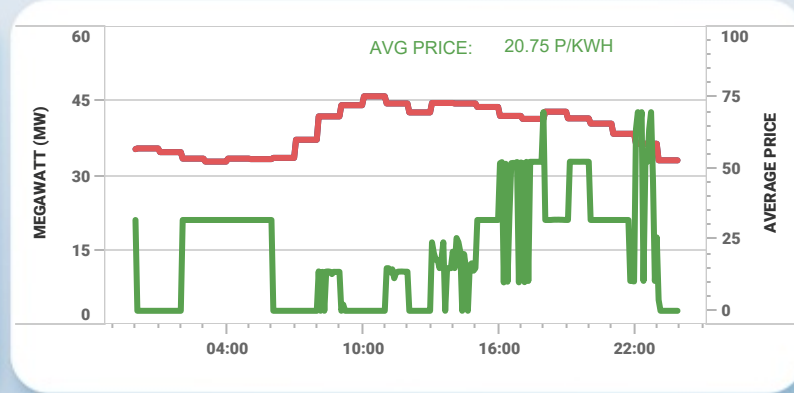
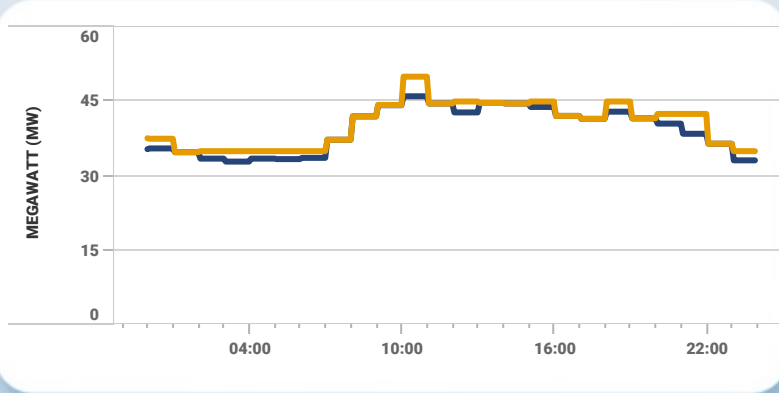
DISPATCHABLE RESERVE



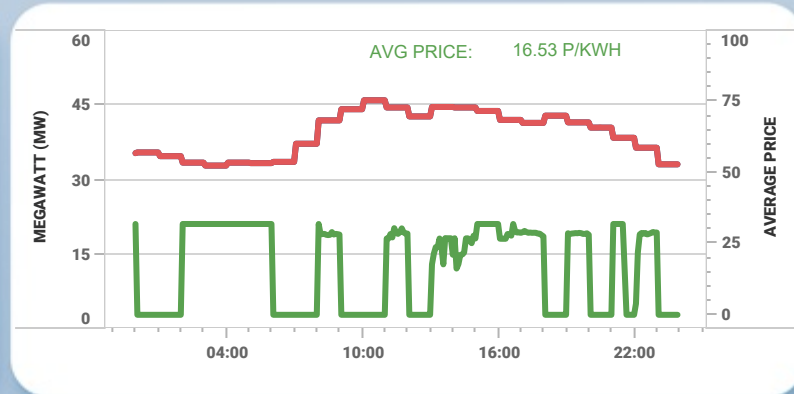
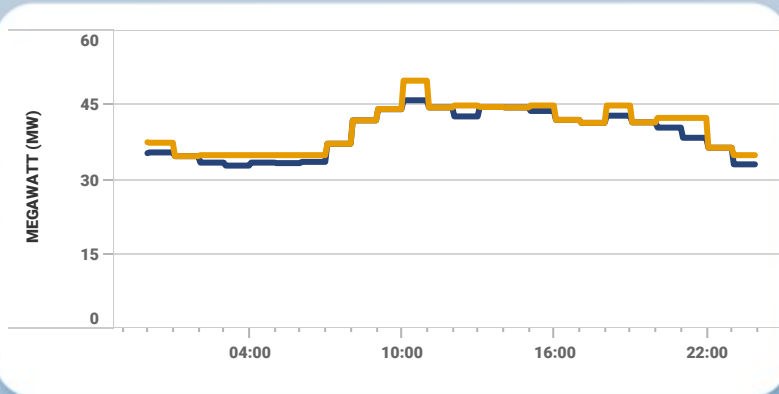
VISAYAS RESERVES

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

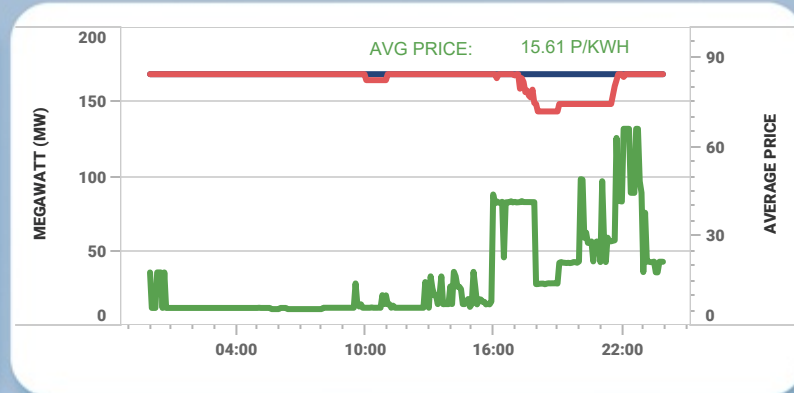
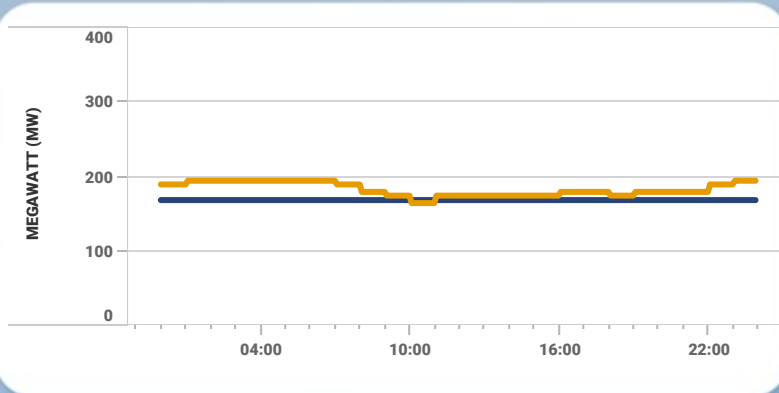
REGULATION UP RESERVE



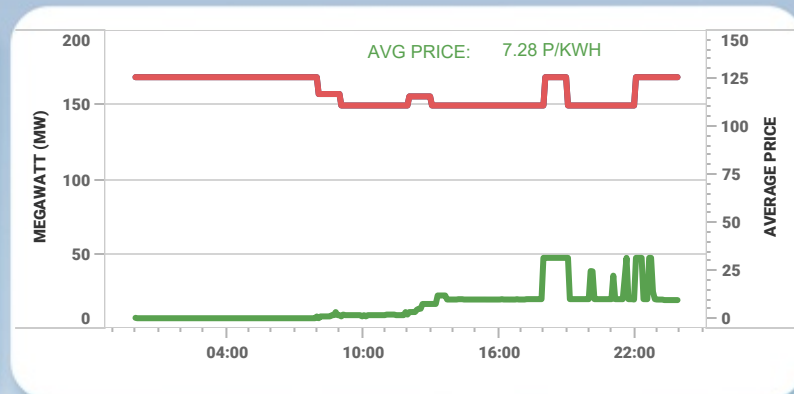
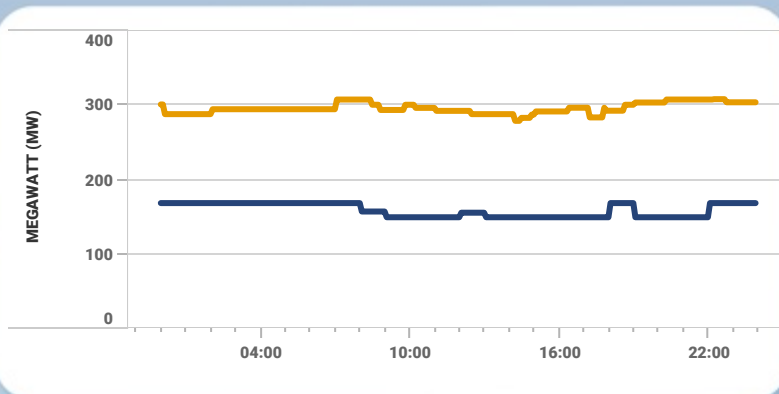
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



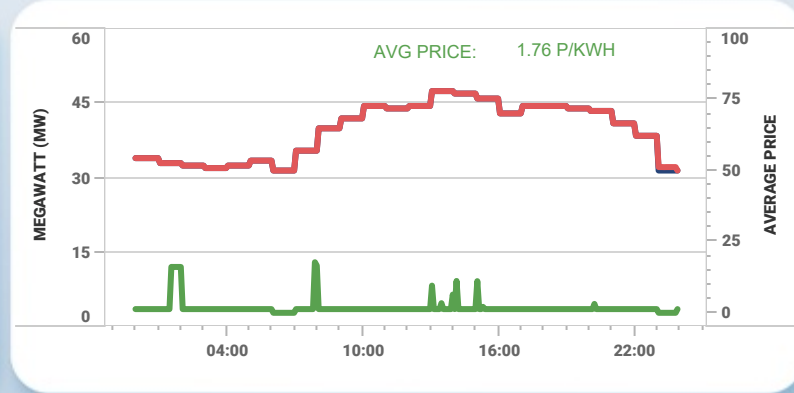
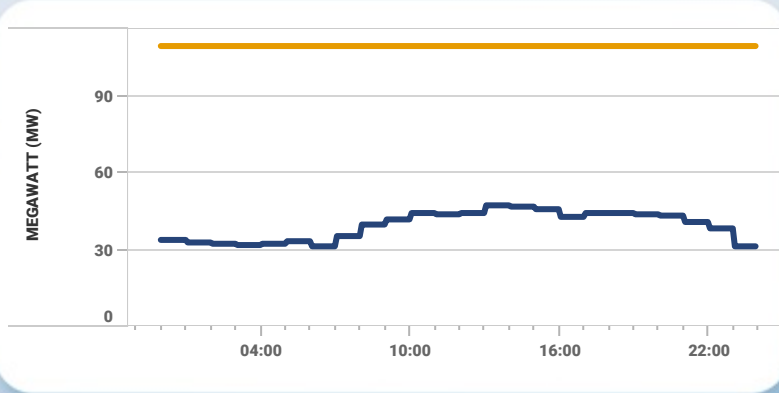
DISPATCHABLE RESERVE



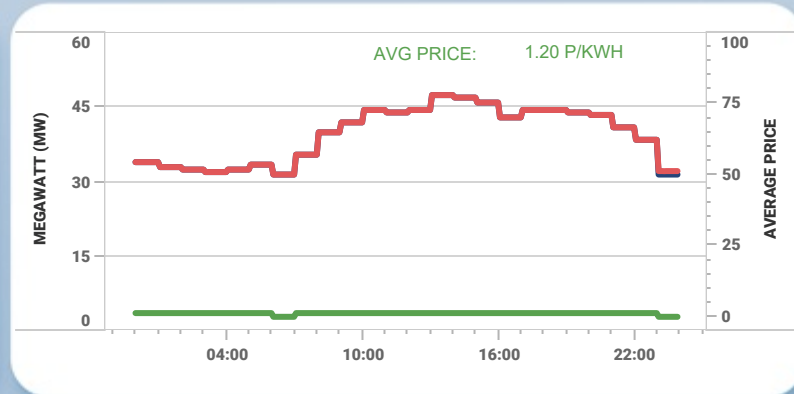
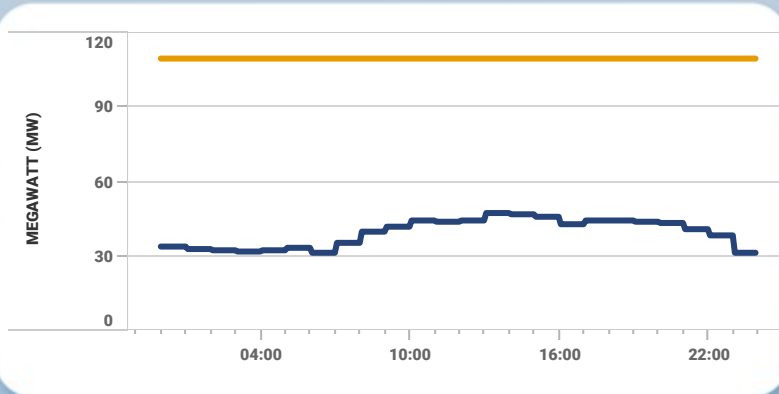
MINDANAO RESERVES

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

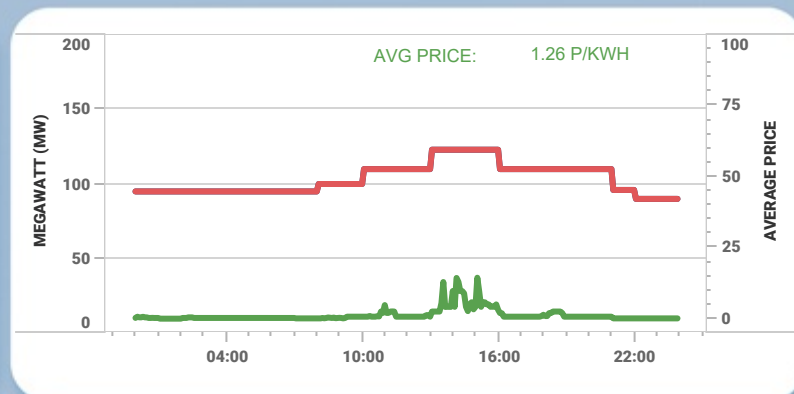
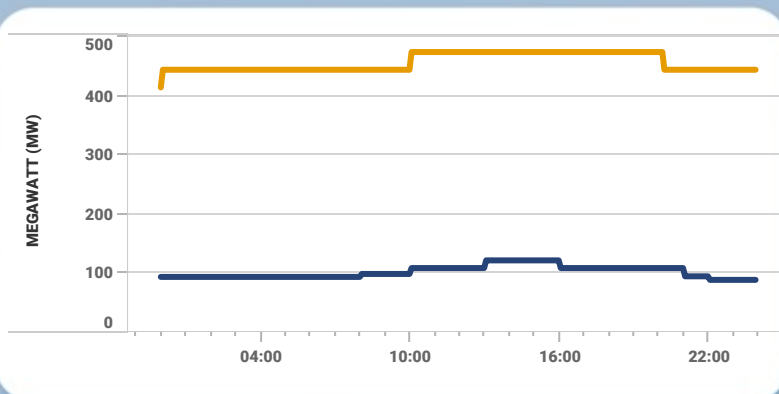
REGULATION UP RESERVE



REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE

