


MARKET OUTCOMES



Load Weighted  
Average Price

Php 3.59 /kWh

Luzon: Php 3.21 /kWh

Visayas: Php 5.75 /kWh

Mindanao: Php 3.26 /kWh

SYSTEM-WIDE



Average Supply


19,051 MW

Luzon: 12,836 MW

Visayas: 2,403 MW

Mindanao: 3,812 MW

SYSTEM-WIDE



Average Demand

11,802 MW

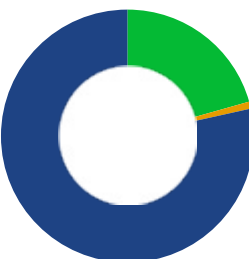
Luzon: 8,236 MW

Visayas: 1,762 MW

Mindanao: 1,804 MW

SYSTEM-WIDE

GENERATION MIX



59 GWH

20.6%  
Renewables

3 GWH

0.9%  
Energy Storage  
System

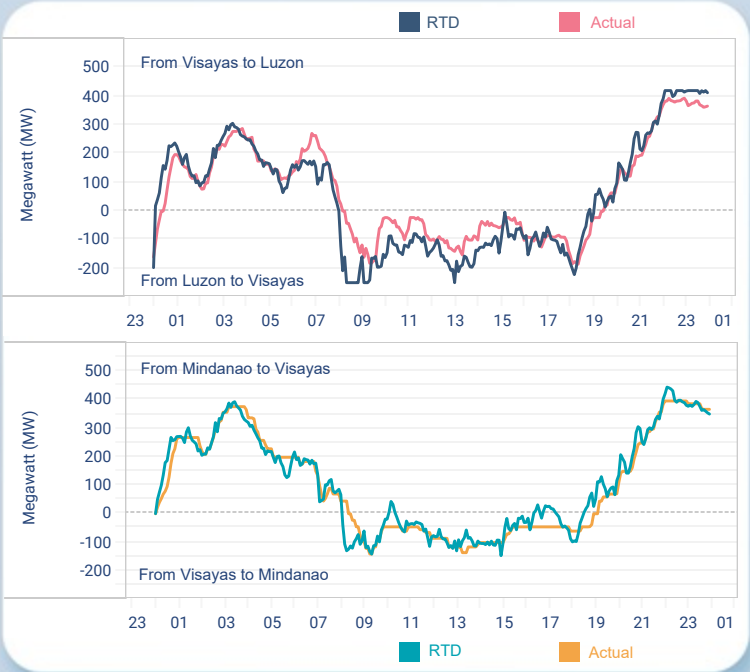
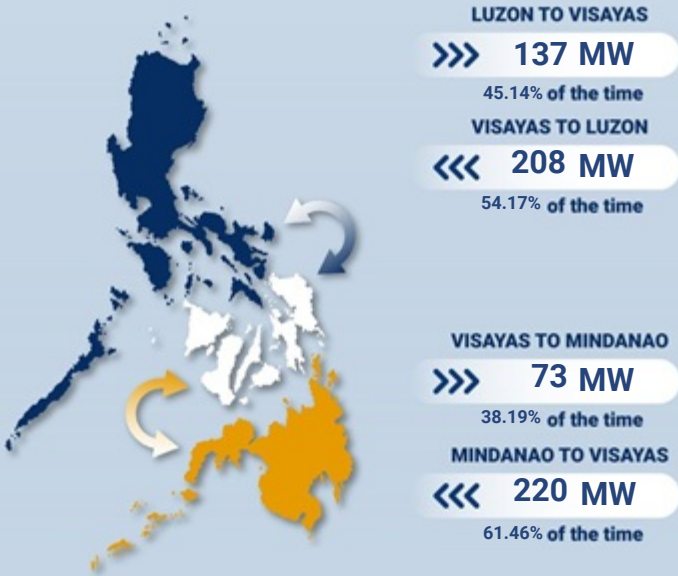
223 GWH

78.5%  
Non-renewables

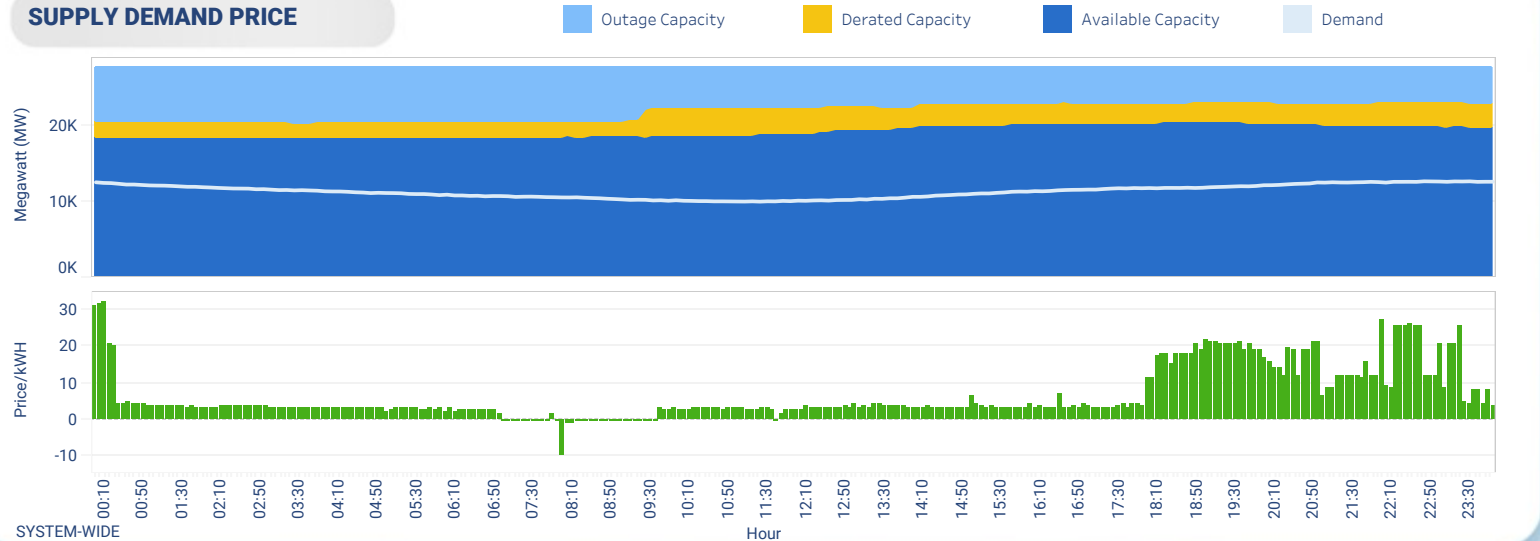
SYSTEM-WIDE

	NON-RENEWABLE ENERGY	RENEWABLE ENERGY	ENERGY STORAGE SYSTEM
Luzon	84.90%	13.81%	1.29%
Visayas	56.36%	43.62%	0.02%
Mindanao	70.46%	29.54%	0.00%

HVDC AVERAGE MW FLOW



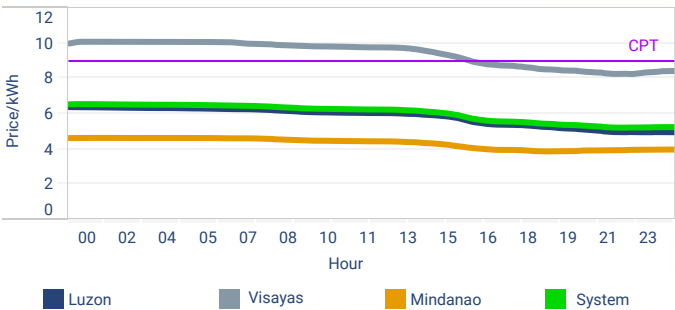
SUPPLY DEMAND PRICE



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	158	164	6	158	168	9	504	504	0	458	458	0
Visayas	33	34	1	33	34	1	169	167	-2	165	165	0
Mindanao	31	33	2	31	33	2	93	93	0	89	104	14

ROLLING AVERAGE GENERATOR  
WEIGHTED AVERAGE PRICE

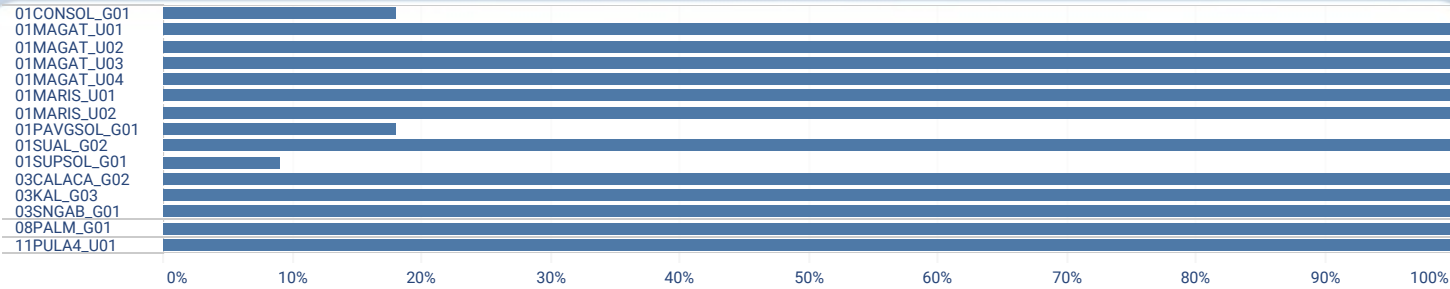


PRICE DISTRIBUTION

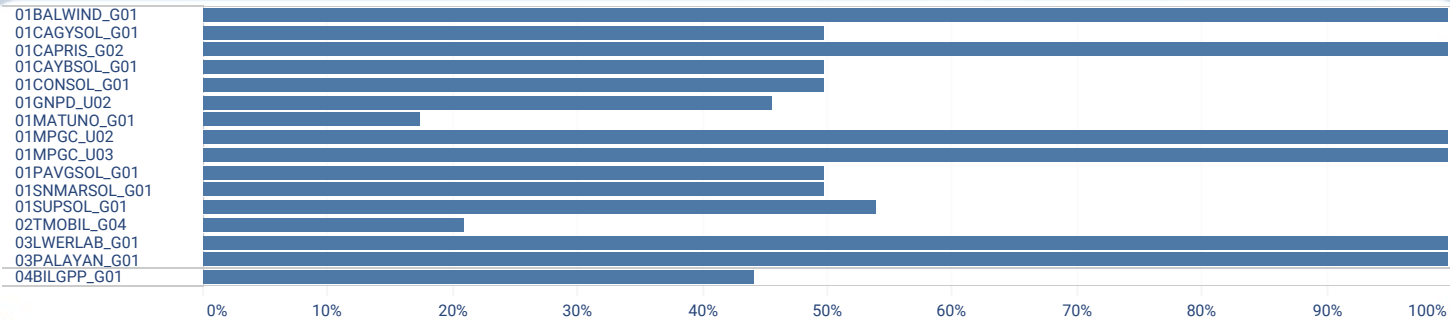
	Below 0 P/kWh	0 - 2.5 P/kWh	2.5 - 5.0 P/kWh	5 - 10 P/kWh	Above 10 P/kWh
System	10%	16%	54%	19%	1%
Luzon	10%	8%	78%	2%	1%
Visayas	22%	9%	44%	8%	17%
Mindanao	10%	7%	81%	1%	1%

Based on Generator Weighted Average Price (GWAP)

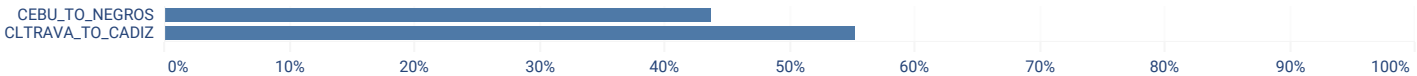
GENERATORS ON OUTAGE



GENERATORS WITH SYSTEM OPERATOR OVERRIDING CONSTRAINT



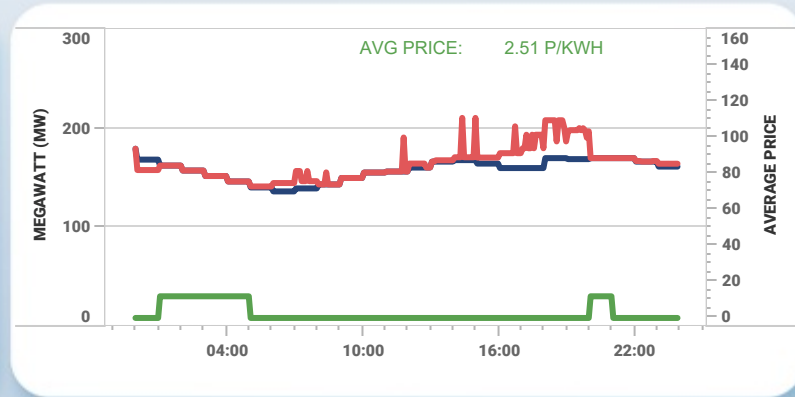
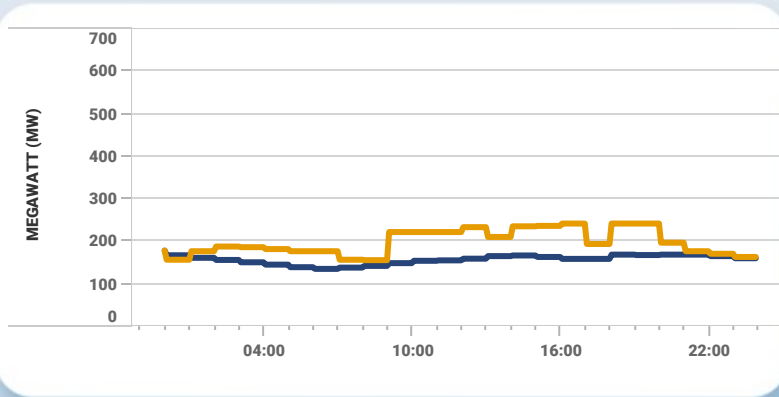
FREQUENT CONGESTIONS



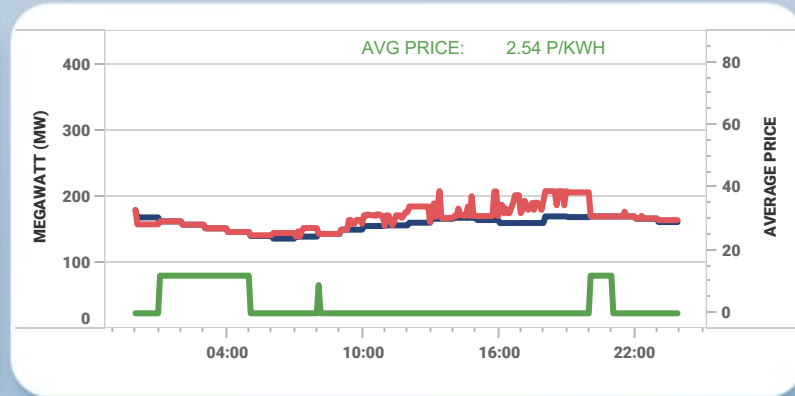
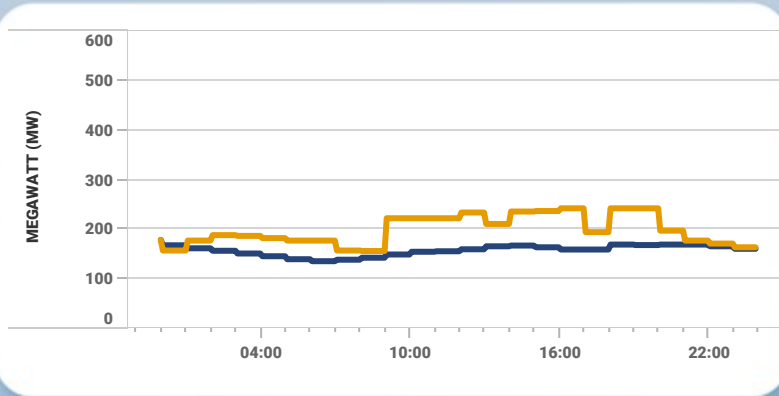
LUZON RESERVES

Reserve Requirement   Reserve Offers   Reserve Schedule   Zonal Reserve Price

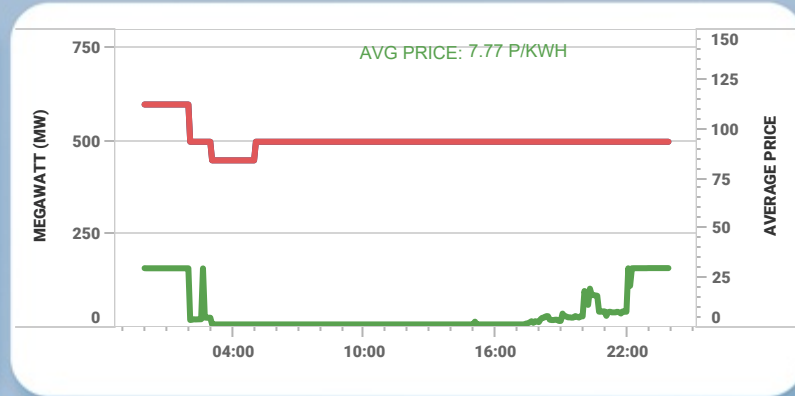
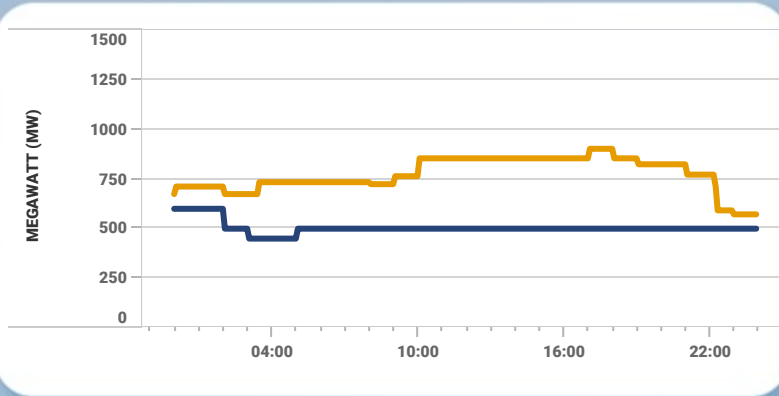
REGULATION UP RESERVE



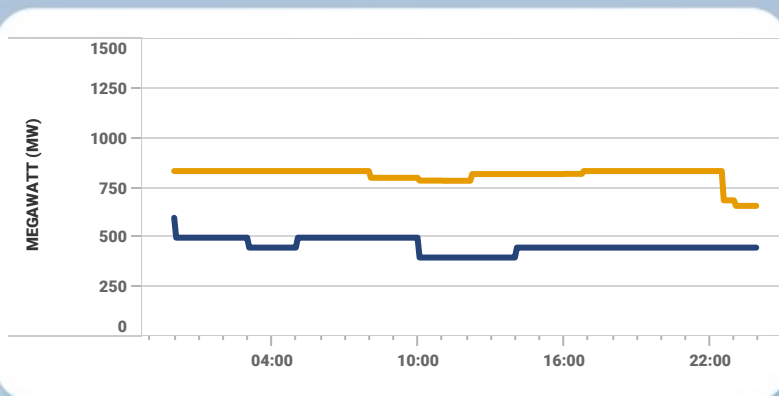
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



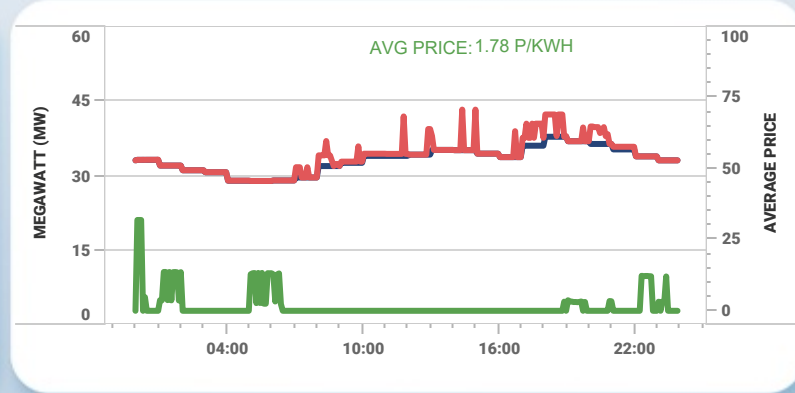
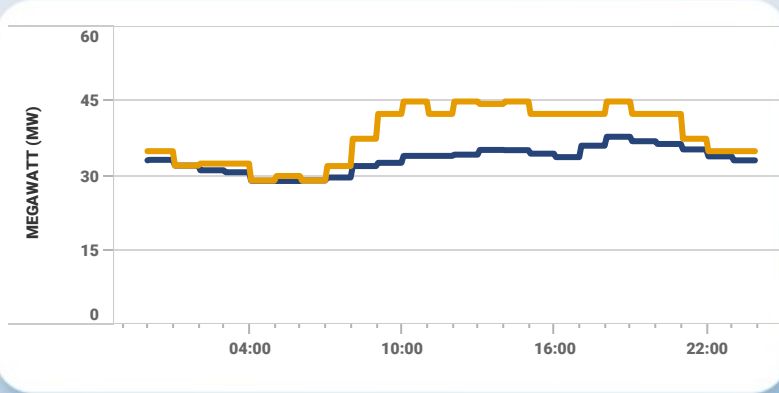
DISPATCHABLE RESERVE



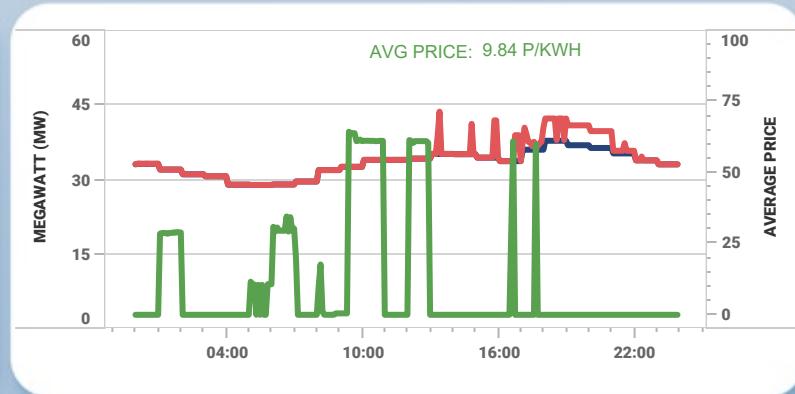
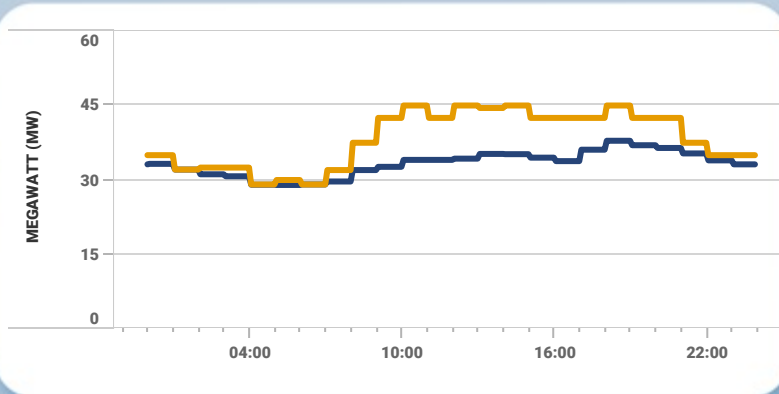
VISAYAS RESERVES

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

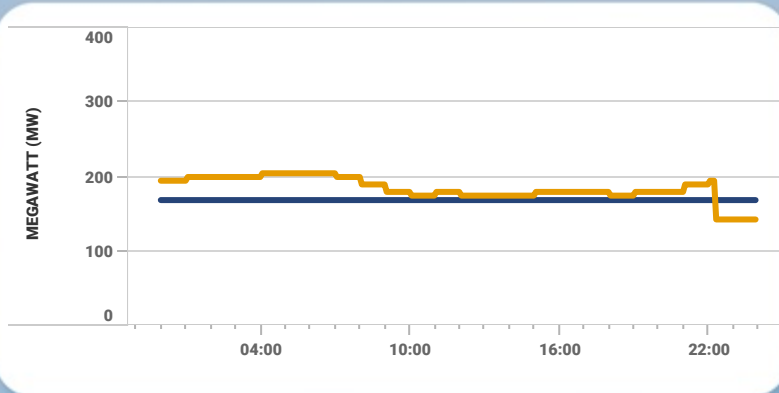
REGULATION UP RESERVE



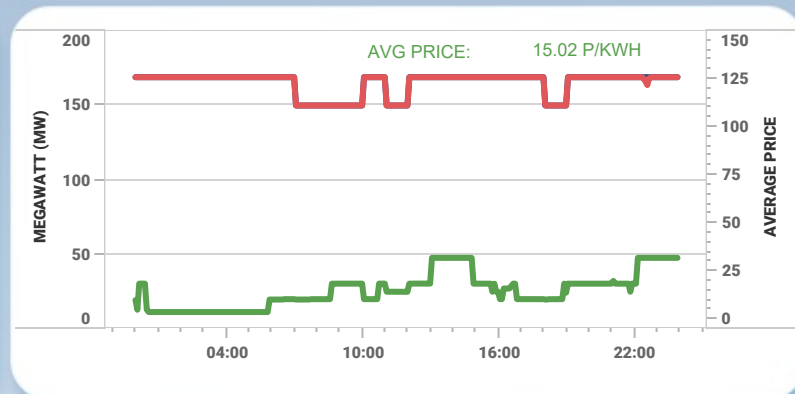
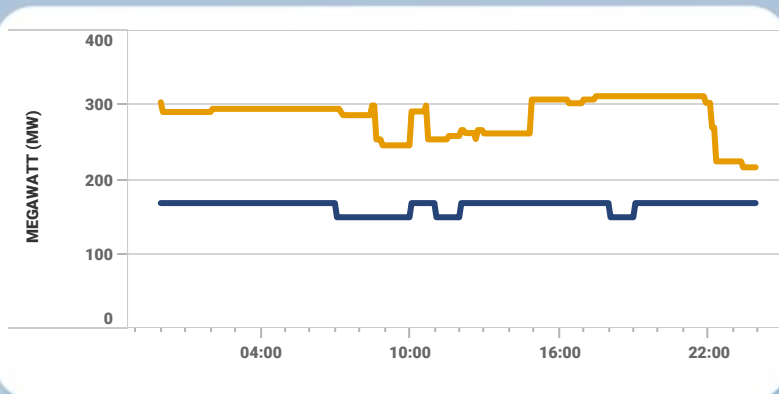
REGULATION DOWN RESERVE



CONTINGENCY RESERVE



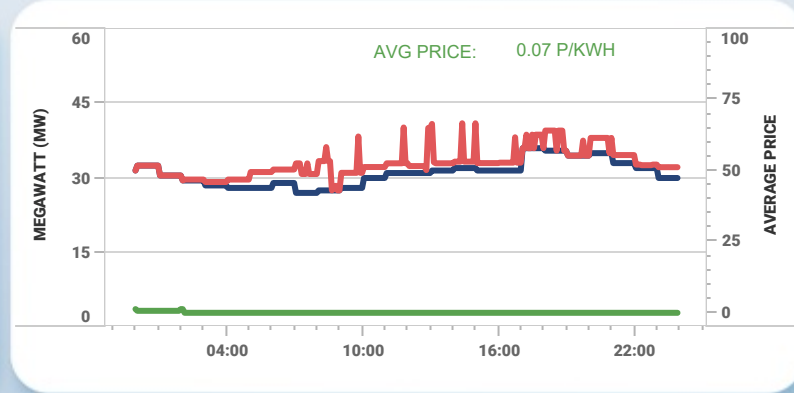
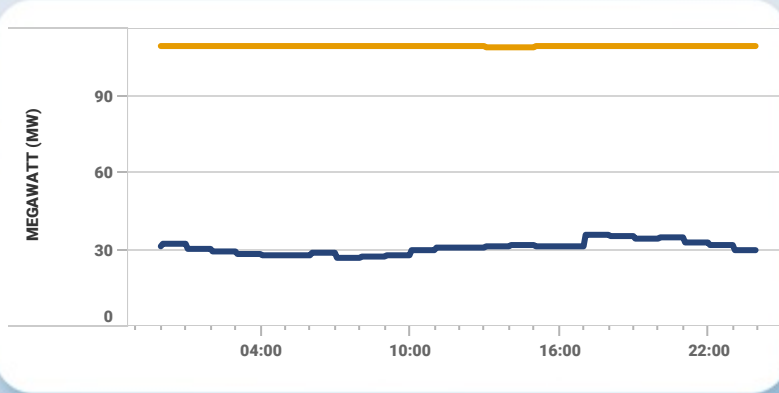
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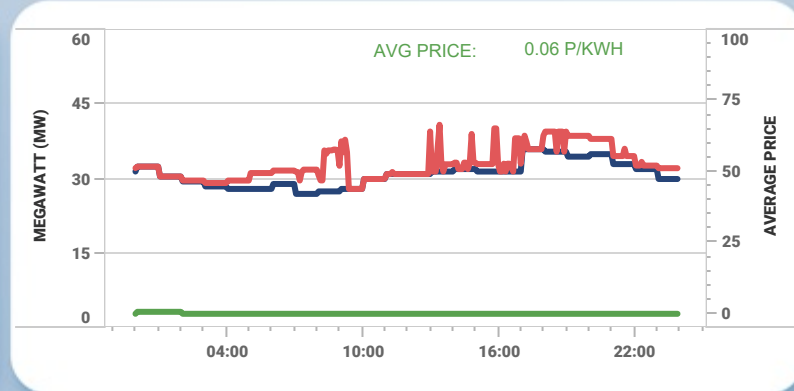
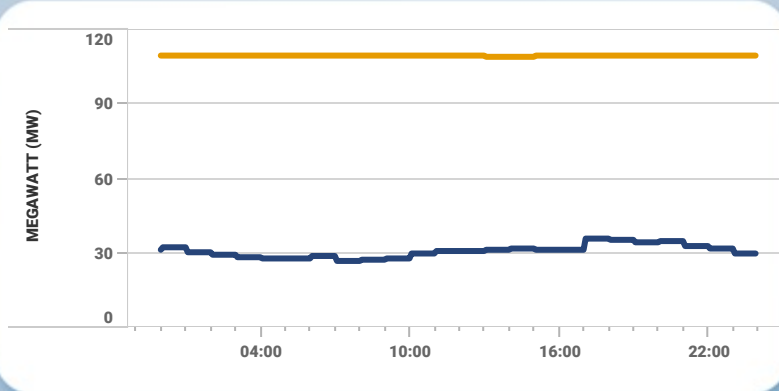
MINDANAO RESERVES

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

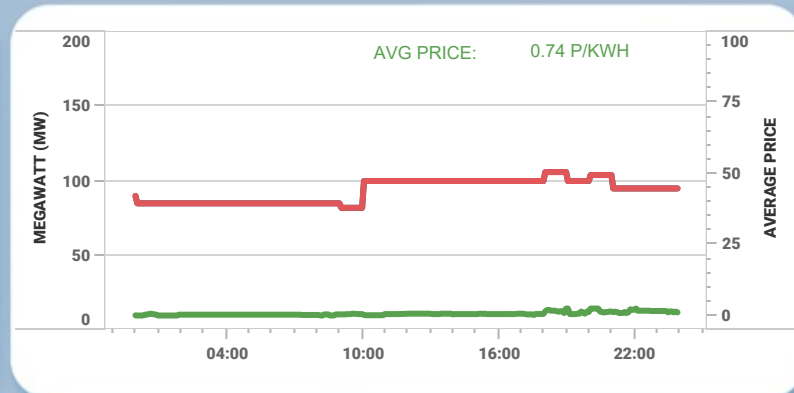
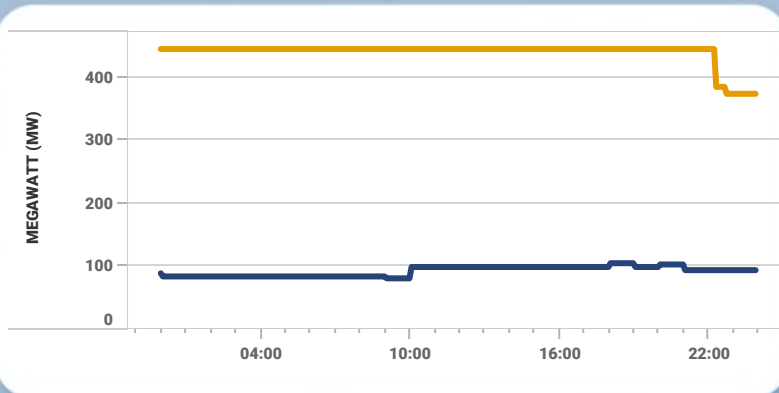
REGULATION UP RESERVE



REGULATION DOWN RESERVE



CONTINGENCY RESERVE



DISPATCHABLE RESERVE

