



Market Surveillance Committee Quarterly Retail Market Assessment Report

26 September 2022 – 25 December 2022

March 2022

This Report is prepared by the
Philippine Electricity Market Corporation –
Market Assessment Group for the
Market Surveillance Committee

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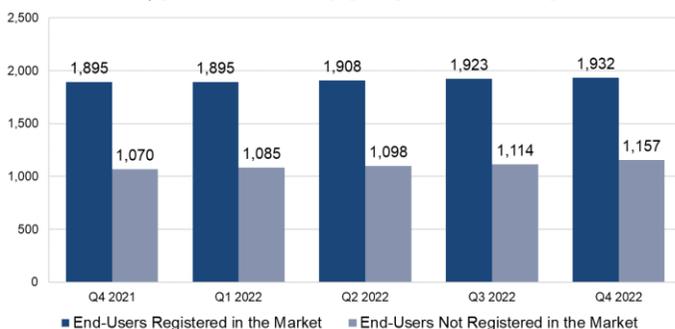
General Note:

- No. of CCs and GEOP End-Users – Based on Cumulative Count as of End of any given Quarter
- CCs and GEOP End-Users Consumption – Based on Total Consumptions for the whole Quarter

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

CONTESTABLE CUSTOMER PROFILE

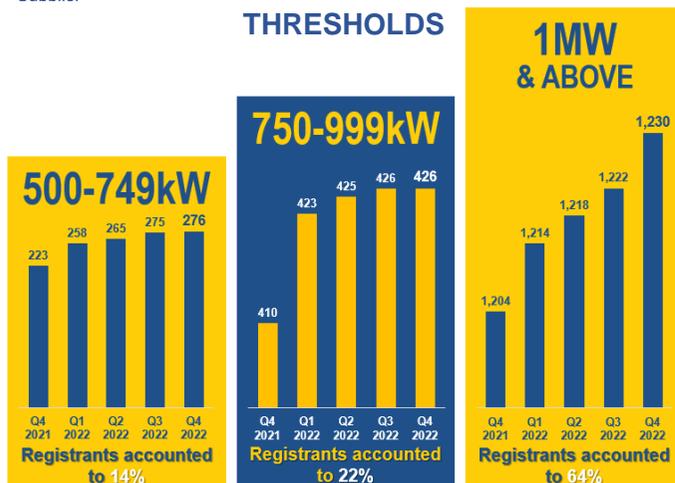
QUARTERLY CUMULATIVE NUMBER



- During Q4-2022, there were **twelve (12)** initial switches¹ and three (3) cessations yielding to **nine (9)** additional registered Contestable Customers (CCs) from Q3-2022, equivalent to a 0.49% increase.
- Steady market participation rate of eligible consumers at around **63%** for 2022

¹ Commercial transfer of CC from the DU as its supplier under regulated service to a Supplier

THRESHOLDS



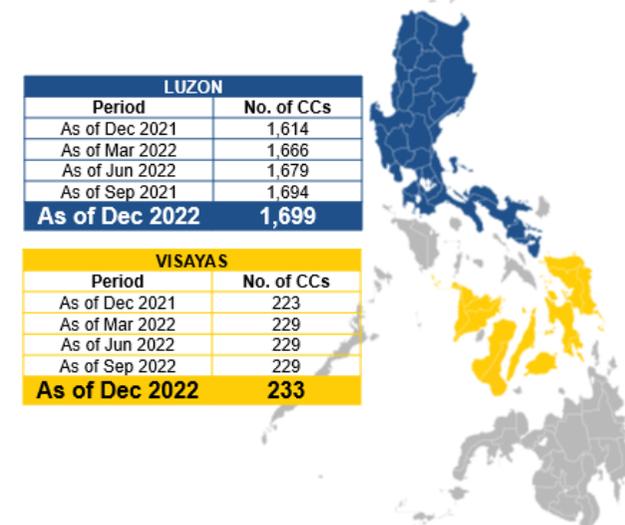
Steady increase in participation for various thresholds

PER RETAIL ACTIVITY



Steady participation for industrial and commercial CCs for 2022. Around **53%** of CCs were engaged in **commercial activities**, while the **47%** remaining were engaged in **industrial activities**.

PER LOCATION



Steady participation in terms of the no. of CC per grid for 2022 – around **88%** of CCs were located in **Luzon**, while the remaining 12% were Visayas-based.

Note: RCOA is only implemented in regions with WESM operations

BY AVERAGE CONSUMPTION

Region	1 MWh and below	Above 1 MWh to 5 MWh	Above 5 MWh to 10 MWh	Above 10 MWh to 15 MWh	Above 15 MWh to 20 MWh	Above 20 MWh to 50 MWh	Sub-Total Per Region	Percent Change from the previous quarter
LUZON	58.45% ▲	25.74% ▲	2.53% ▼	0.52% ▼	0.52% -	0.21% -	87.96% ▼	0.16% ▼
VISAYAS	9.15% ▼	2.64% ▲	0.05% ▼	0.05% -	0.10% ▲	0.05% -	12.04% ▲	0.16% ▲
Sub-Total Per Level of Average Energy Consumption	67.60% ▼	28.37% ▲	2.58% ▼	0.57% ▼	0.62% ▲	0.26% -	100.00%	-
Percent Change from the previous quarter	0.07% ▼	0.61% ▲	0.43% ▼	0.11% ▼	0.05% ▲	0.00% -	-	-

- Minimal changes were noted for thresholds monitored during the covered period.
- No record for consumptions of 50MWh and above.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

SUPPLIER PROFILE

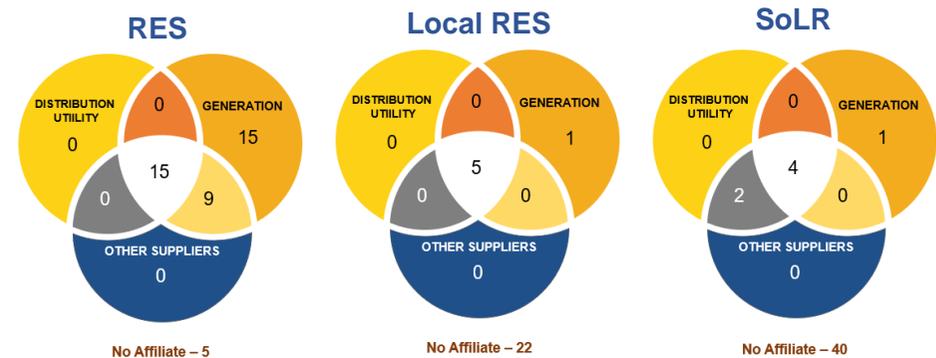
QUARTERLY CUMULATIVE NUMBER

- No changes in terms of no. of licensed and registered suppliers during Q4-2022
- Additional one (1) supplier with an active contract was noted, which is the Rockport Power Inc. (RPPOWRES)

	Licensed/Authorized	Registered	With Active Contract
RES	44	38	31
LRES	28	15	3
SoLR	47	25	0

List of registered Suppliers is provided as **Annex A**

LICENSED/AUTHORIZED SUPPLIERS



- Majority of the Suppliers were **affiliated with generator market participants**.
- Some Suppliers were likewise affiliated with DUs and other Suppliers, or a combination thereof in the market.
- There had been **no changes** on affiliations for 2022.

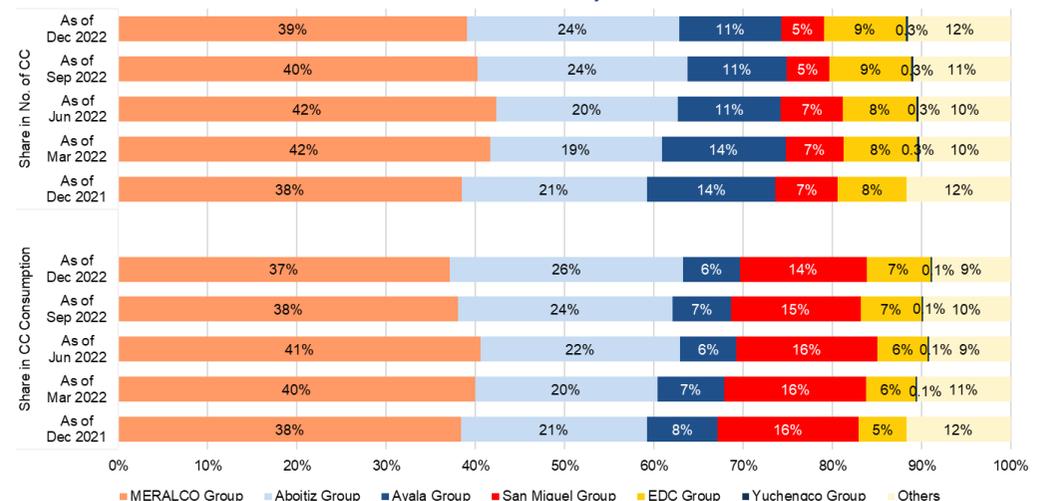
Note: Affiliations based on available information from the ERC as of January 2022

SHARE IN CC (BY NUMBER AND CONSUMPTION PER MARKET PARTICIPANT GROUPING)

A **decrease in both measures** for the **MERALCO Group** was noted during the period in review, but still remained to be the top entity among other groups. The decrease was due to CCs regular switch from MERALCO group to other groups.

On the other hand, the **increase in share** based on CC consumption for **Aboitiz Group** was attributable to additional switches to its services. In contrast, the **decrease in share of San Miguel group** was attributable to the volume of CCs that switched to other Suppliers. The continued increase in the number of regular switches from other major participants may indicate better market competition.

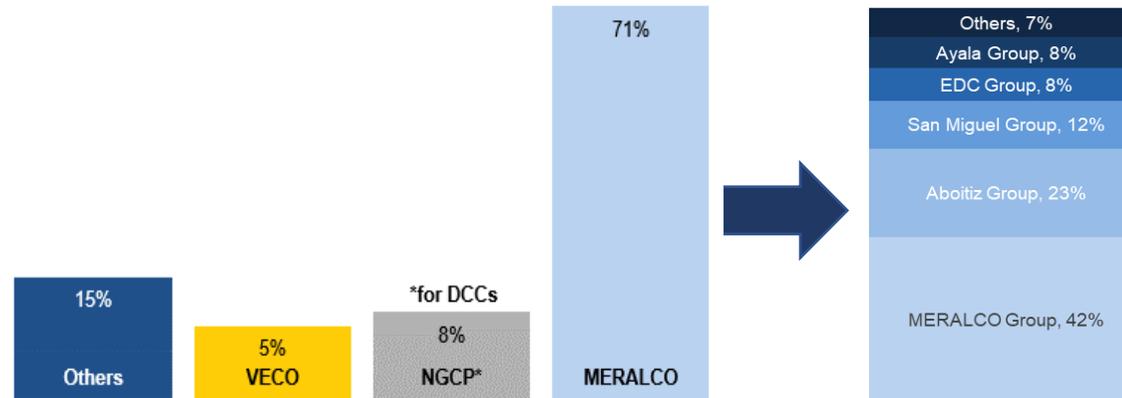
Similar to the above reason, other Suppliers not affiliated with the major groupings likewise recorded changes in shares for both measures.



QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET STRUCTURE FRANCHISE AREA

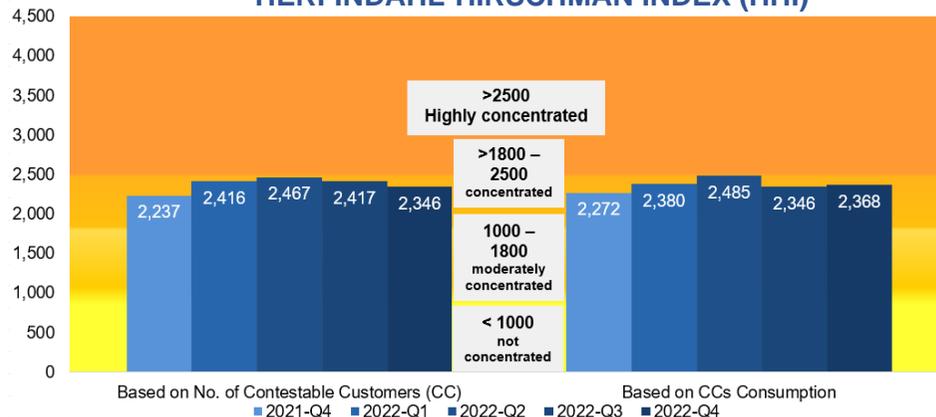
- **MERALCO**, being the largest service provider for end-users in the country, recorded **71%** of the total consumption of CCs for 2022-Q4 which was served inside its **Franchise Area**.
- About **5%** of the total consumption was under the **VECO Franchise Area** while **8%** of total consumption was from **Directly-Connected Customers** to the grid. The remaining **15%** consumption was scattered to other franchise areas.



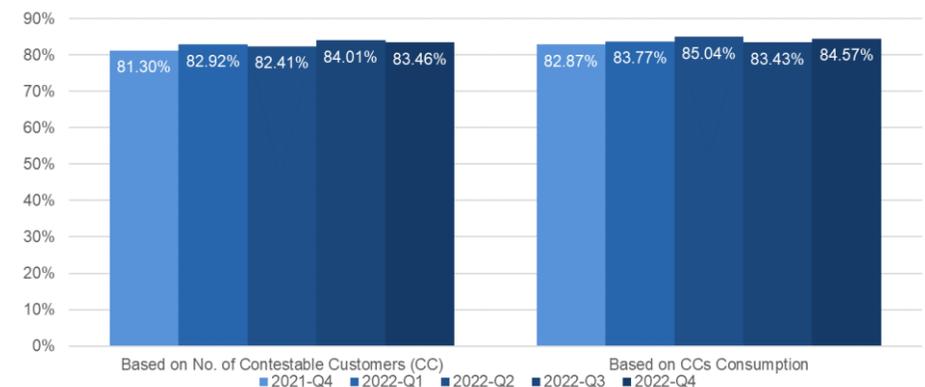
- Inside MERALCO franchise area, **42%** (around **3% lower** than the previous quarter) was served by the **MERALCO Group**.
- EDC (around 1% increase), San Miguel (around 2% decrease), and Aboitiz (around 4% increase) group experienced changes in consumption shares inside MERALCO franchise area.

PER PARTICIPANT GROUPING

HERFINDAHL-HIRSCHMAN INDEX (HHI)



FOUR-FIRM INDEX (C4)



2022-Q4 remained a **Concentrated Market** both in terms of share in no. of Contestable Customers and energy consumption per participant grouping.

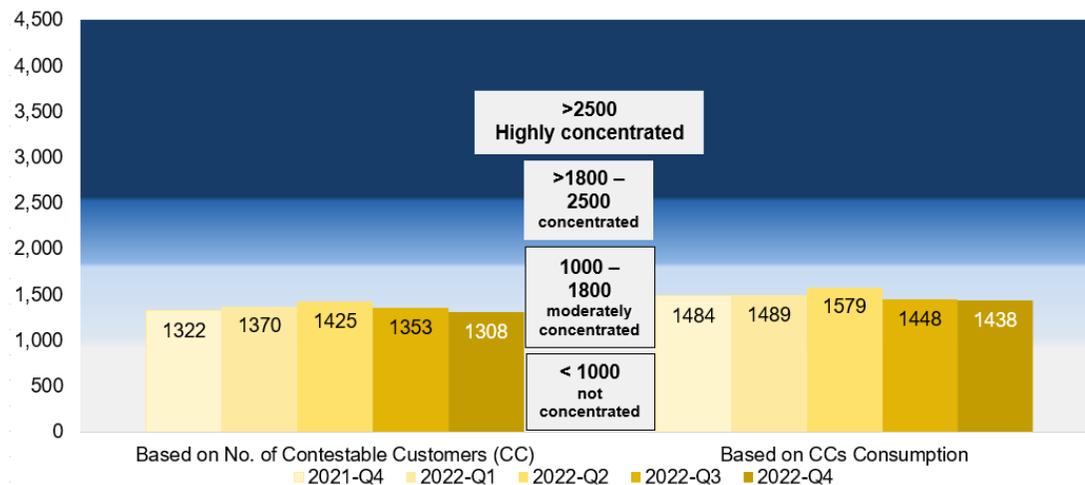
- The **continuous decrease** in **MERALCO group's** share in terms of no. of CC contributed to the decrease in market concentration from the previous quarter.
- On the other hand, the increase in Aboitiz group's share in terms of CC's consumption contributed to the **slight increase in market concentration**.

C4 values remained high for the covered period, at **above 80%**, both in terms of share in no. of Contestable Customers and energy consumption per participant grouping and were influenced by the same causes as the HHI. The results also mean that the four highest Suppliers, in terms of Major Participant Grouping, highly influence the concentration of the market. Hence, the market remains to be considered as an oligopoly.

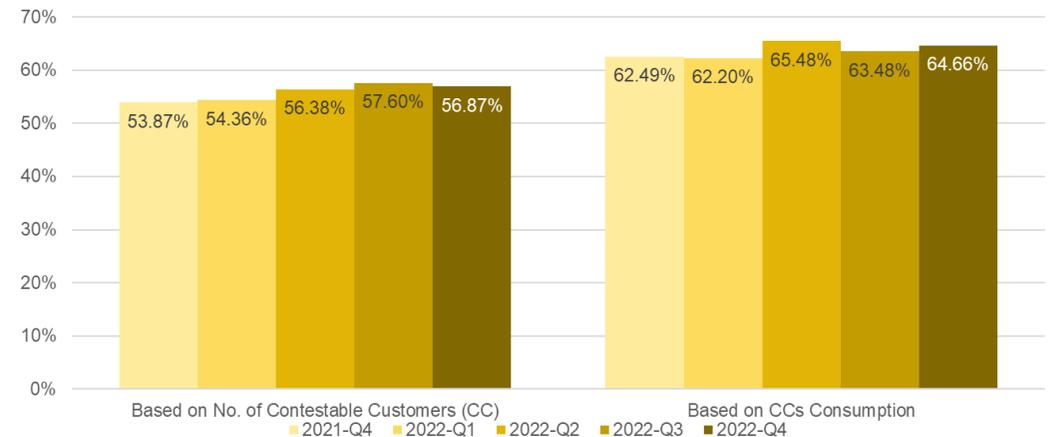
QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET STRUCTURE PER SUPPLIER

HERFINDAHL-HIRSCHMAN INDEX (HHI)



FOUR-FIRM INDEX (C4)

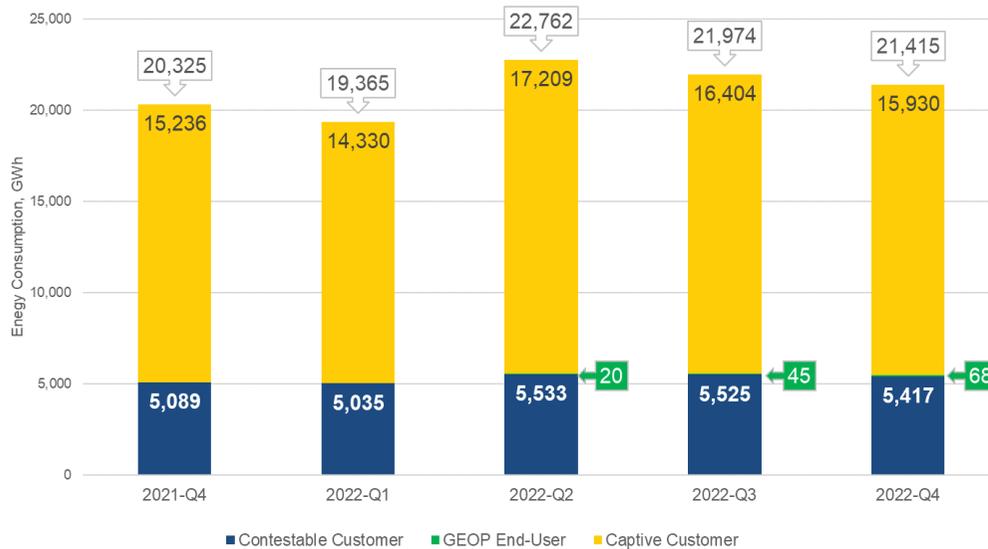


On a per RES basis, 2022-Q4 was recorded to be a **moderately concentrated market** both in terms of shares in the no. of Contestable Customers and energy consumption served based on individual Supplier.

Meanwhile, the C4 values in both measures for 2022-Q4 by RES resulted in values above 50%, which means that the four (4) suppliers with highest shares serve more than half of the CCs and the total consumption of the market. It should also be noted that these RESEs belong to the three (3) major participants groupings likewise dominating the RCOA.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET PERFORMANCE TOTAL ENERGY CONSUMPTION



Change in Consumption		
	Year-on-Year, %	Quarter-on-Quarter, %
System	5.36%	-2.54%
Captive Consumer	4.56%	-2.89%
GEOP End-Users	n/a	50.84%
Contestable Consumers	6.45%	-1.94%

For 2022-Q4, the retail market was deemed to be under normal conditions.

- The year-on-year increase in consumption was mainly brought about by the increasing no. of registered CCs and GEOP End-User in the market, coupled with the DOE's forecast² on the natural increase in economic activities for 2022.
- The quarter-on-quarter decrease was due to the rainy and cool-dry seasons during the fourth quarter of the year leading to lesser electricity consumptions.

² DOE's 2020-2040 Philippine Energy Plan

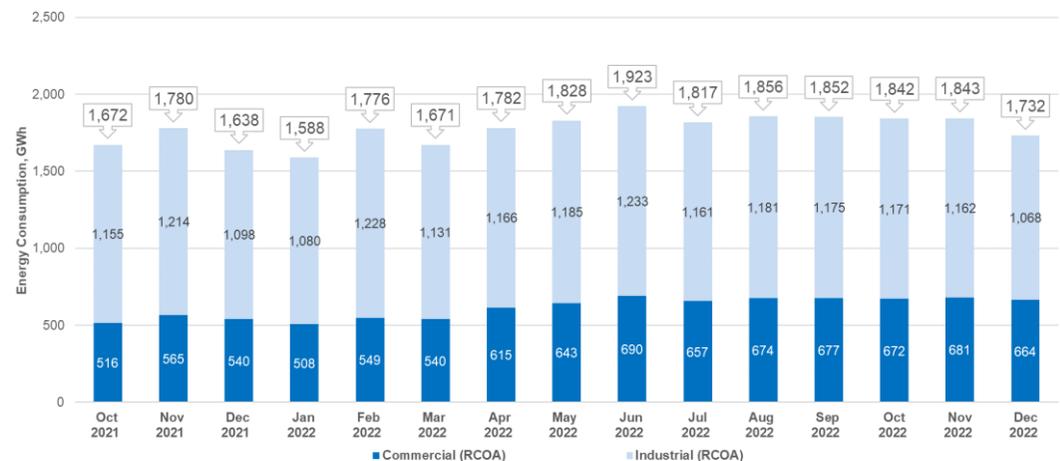
TOTAL ENERGY CONSUMPTION – INDUSTRY TYPE

Commercial

- **Stable level of consumption** was observed for the entire 2022-Q4. The decrease in level of consumption for the month of December was attributed to the shorter hours of operations by the commercial establishments during the 24th and 25th of the month.

Industrial

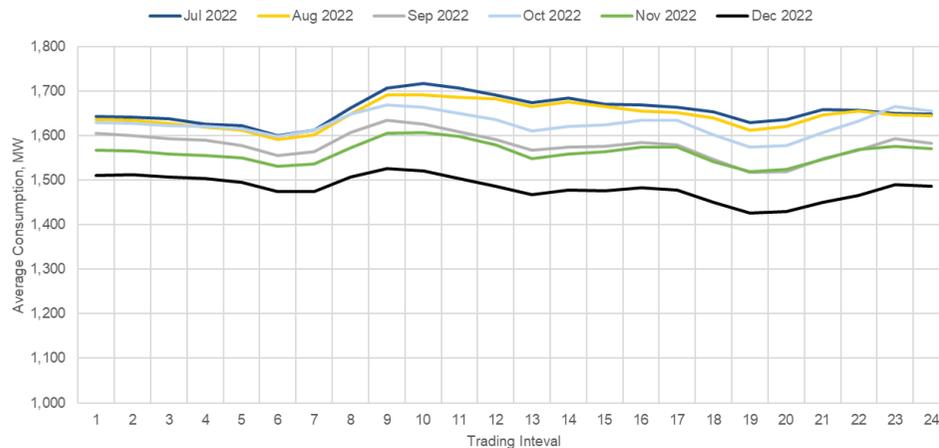
- **High level of consumption** was observed for the entire 2022-Q4. The decrease in level of consumption for the month of December was attributed to the shorter hours of operations during the 24th and 25th of the month.



QUARTERLY RETAIL MARKET ASSESSMENT REPORT

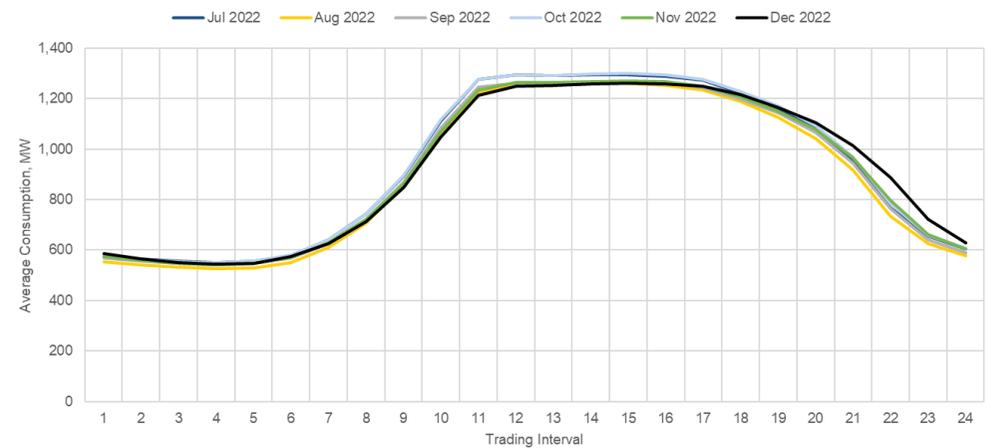
MARKET PERFORMANCE

LOAD PROFILE - INDUSTRIAL



- **3 consistent dips** were observed for the months in comparison which signify the observance of **three (3) breaks or exchanges of shifts** among employees (at 0700H, 1200H, and 1900H).
- For the months of September, October, and December, there was an observed uptick at 2300H, possibly due to a peculiar peak in operations, in preparation for the holiday season.

LOAD PROFILE - COMMERCIAL

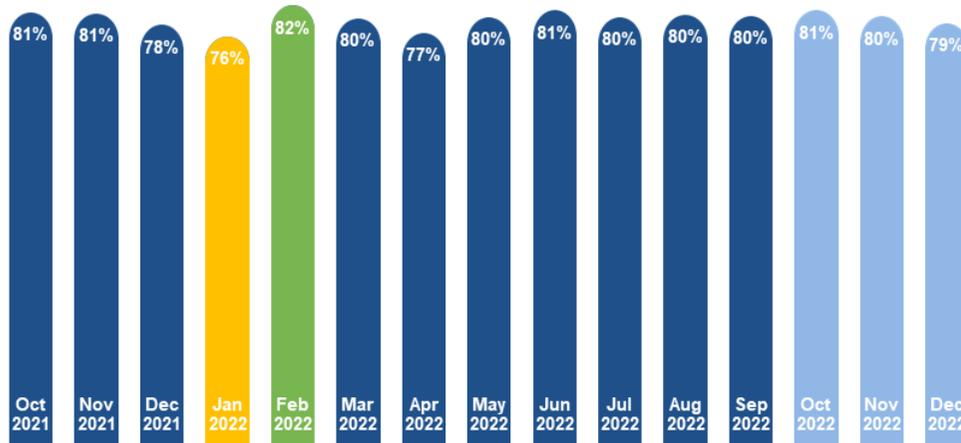


- The peak demand was still observed at **1000H – 1800H** for the months in comparison.
- The demand for commercial CCs was similar with the previous quarter in comparison.
- The month of December was found to have had extended higher load demand during 2100H-2400H caused by the extended operating hours of commercial establishments during the holiday season.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET PERFORMANCE

LOAD FACTOR



The load factors of registered CCs were calculated based on their actual consumption (total consumption over the maximum consumption over the total no. of hours) during the reference periods which was kept relatively high during the fourth quarter of 2022.

- The decline in load factor for the month of December was found to be of normal occurrence due to the multiple holidays during the month.
- Generally, high values of load factors translate to high efficiency of electricity usage which could affect negotiation for the CCs' retail rates in cases of initial and regular switches.

RETAIL ACTIVITY

SWITCHING RATE



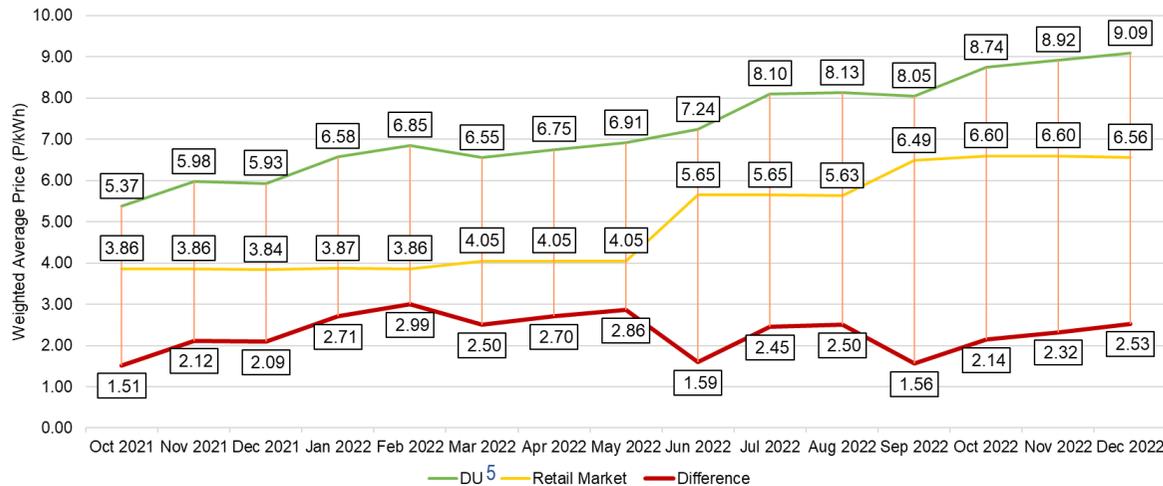
Thirty-Five (35) regular switches³ were recorded during the fourth quarter of 2022

- About **20%** of the **regular switches** for Q4 of 2022 were between Supplier affiliates

³ Regular Switch is a commercial transfer of a Contestable Customer from one Supplier to another Supplier such as RES, LRES, or SoLR

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

RETAIL ACTIVITY GENERATION RATES



The Weighted-Average Retail Rates⁴ were lower by around **30%** when compared to DU Average Generation Rates. This rate reduction is experienced by the participants engaged with a Supplier in the RCOA.

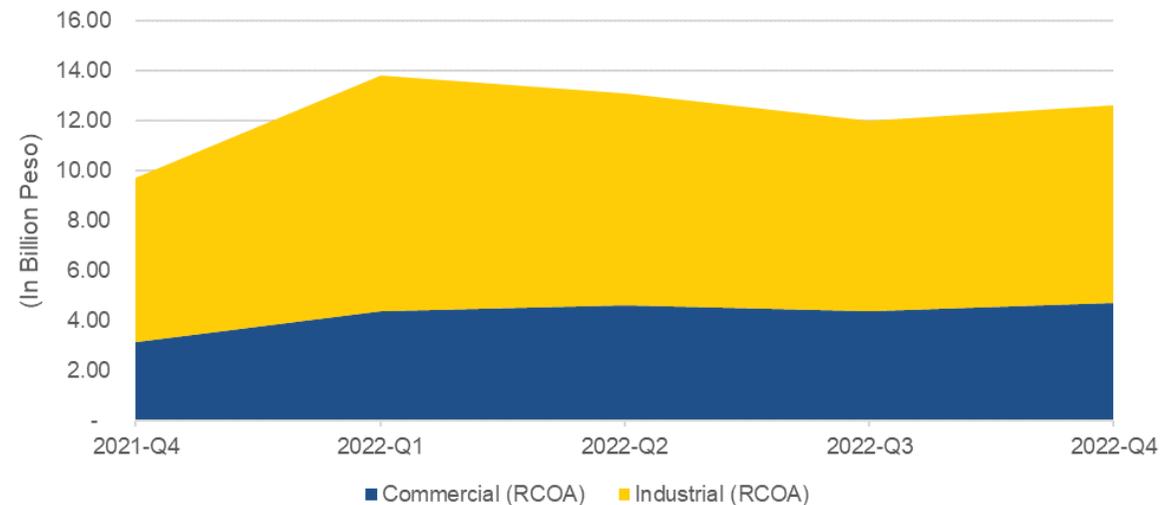
⁴ Based on ERC's CREM report

⁵ MERALCO, VECO, BATELECII, DECORP

ESTIMATED RETAIL SAVINGS

During the 2022-Q4 period, an **estimated 12.61 Billion Pesos in total savings** was experienced by the CCs in the market.

- Monthly savings were computed as the difference between the weighted-average retail rate and DU average generation rate, multiplied by the monthly CC consumption, and were based on available data which are considered as estimates.



QUARTERLY RETAIL MARKET ASSESSMENT REPORT

GREEN ENERGY OPTION PROGRAM (GEOP) END-USER PROFILE

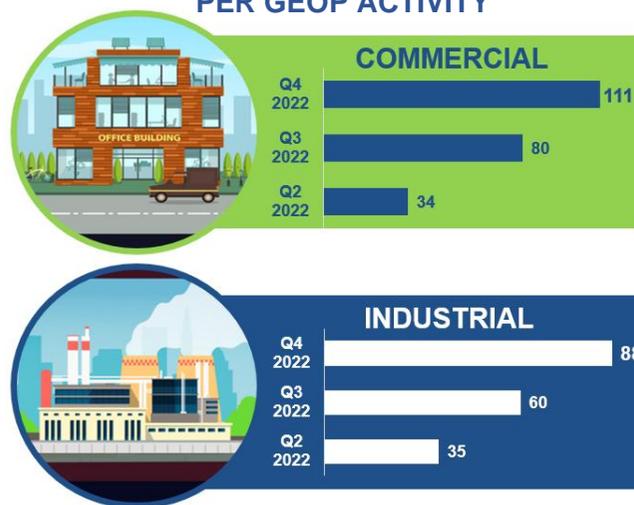
THRESHOLDS



- There were total of additional **Fifty-Nine (59)** recorded switches⁶ to the market during the period in review.
- **3%** of registered GEOP End-Users are within RCOA threshold but opted to participate in GEOP.

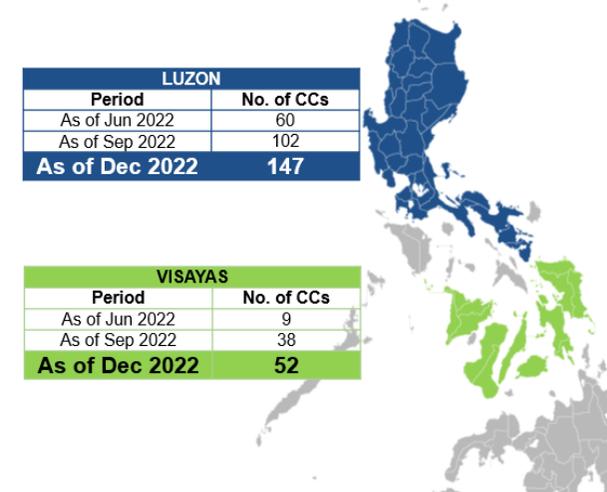
⁶ Commercial transfer of a GEOP End-User from the DU as its supplier under captive service to an RE Supplier

PER GEOP ACTIVITY



- Similar to CCs, **higher share** in participation for commercial than of industrial GEOP End-Users.
- **56%** GEOP End-Users were engaged in **commercial activities**, while the **44%** remaining were engaged in **industrial activities**.

PER GEOP LOCATION



- **Majority (74%)** of GEOP End-Users are located in **Luzon**, while the remaining 26% are Visayas-based.
- Similar to CCs, Luzon-based participants had higher percentage share than of Visayas-based.

Note: GEOP is only implemented in regions with WESM operations

BY AVERAGE CONSUMPTION

Region	1 MWh and below	Above 1 MWh to 5 MWh	Sub-Total Per Region	Percent Change from the previous quarter
LUZON	73.37% ▲	0.50% ▲	73.87% ▼	1.01% ▲
VISAYAS	26.13% ▼	0.00% -	26.13% ▲	1.01% ▼
Sub-Total Per Level of Average Energy Consumption	99.50% ▼	0.50% ▲	100.00%	-
Percent Change from the previous quarter	0.50% ▼	0.50% ▲	-	-

- The recorded information during 2022-Q4 was a result of the continuous increase in participation to the GEOP as well as the noted transfer of a CC to be a GEOP End-User
- No record for consumptions of 5MWh and above

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

RENEWABLE ENERGY SUPPLIER (RE SUPPLIER) PROFILE QUARTERLY CUMULATIVE NUMBER

	Registered	With Active Contract
RE Supplier	16	9
SoLR	12	-

- 56% of registered RE Suppliers have active contracts with a GEOP End-Users
- All registered RE Suppliers are also registered to provide services to CCs
- Additional (1) RE Supplier (Solar Philippines Retail Electricity, Inc.)

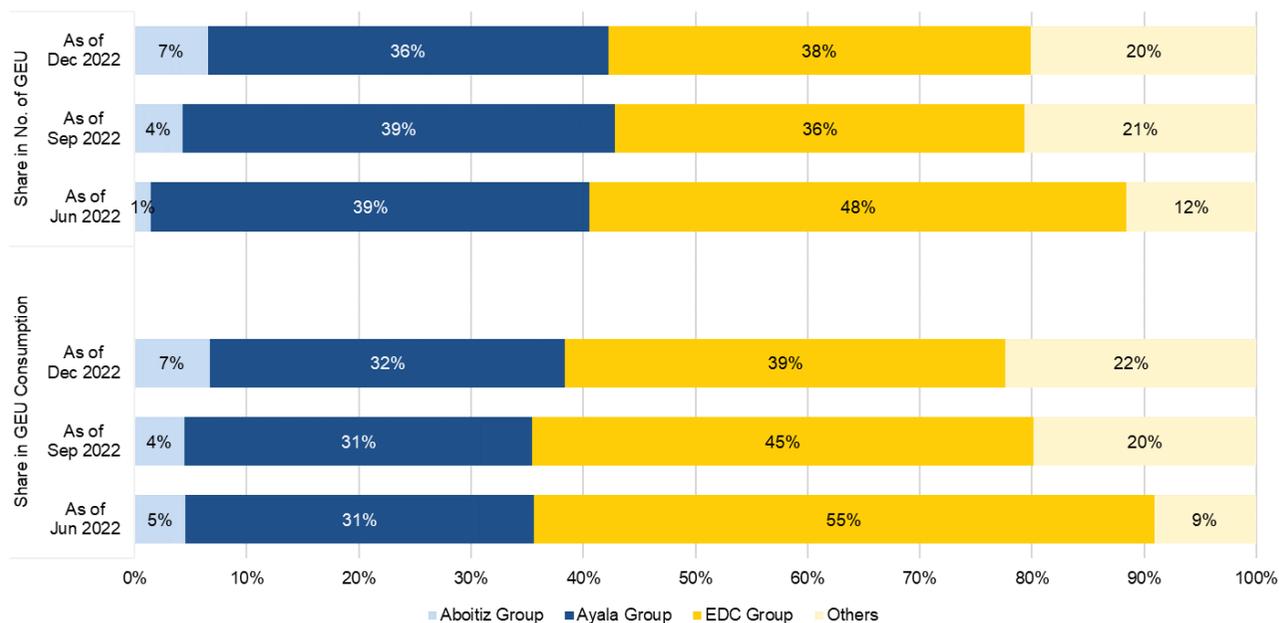
List of registered RE Suppliers are provided as **Annex A**

SHARE IN GEOP END-USERS (BY NUMBER AND CONSUMPTION)

Although the shares of EDC group, for both measures, were on a decreasing trend, it remained to be the highest percent share in terms of no. of GEOP End-Users and GEOP End-Users consumption.

Moreover, the Aboitiz group continues to increase its market share for both no. of GEOP End-Users served and their share in total consumption.

Furthermore, the Ayala group maintained their shares both in terms of no. of GEOP End-Users and GEOP End-Users consumption.

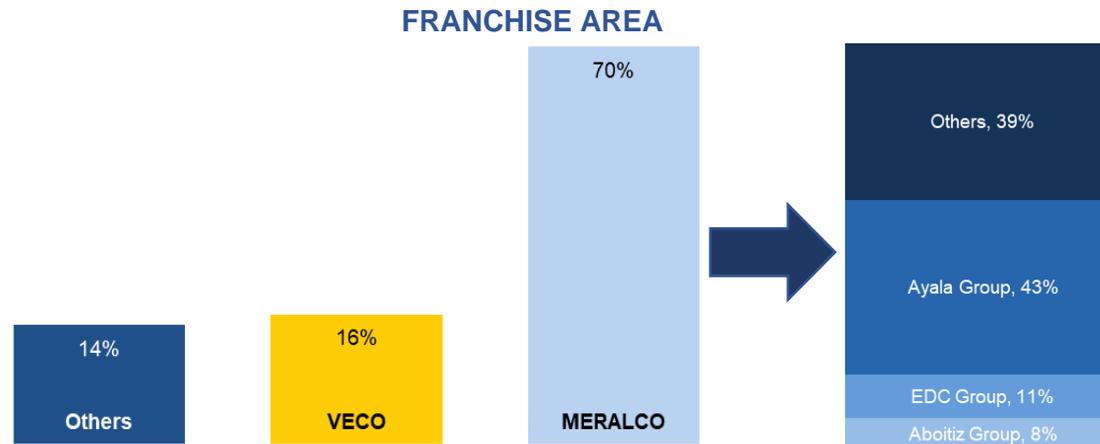


Note: The market participant groupings for GEOP is similar to RCOA (Based on CREM report of ERC)

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET STRUCTURE

- Similar to RCOA, majority (70%) of the recorded GEOP End-Users' consumption were located under the **MERALCO Franchise Area**.
- About **16%** of the total consumption was under the **VECO Franchise Area** while the remaining **14%** consumption was scattered to other franchise areas.



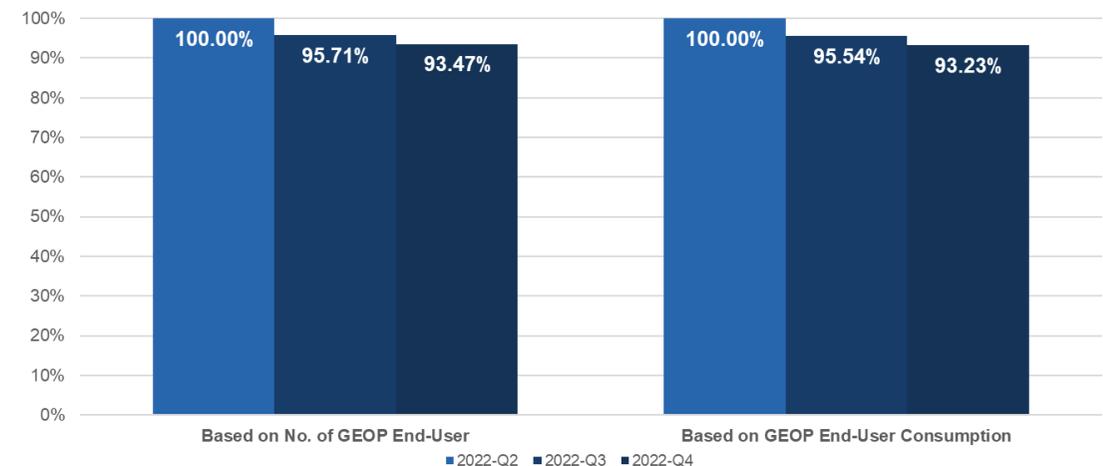
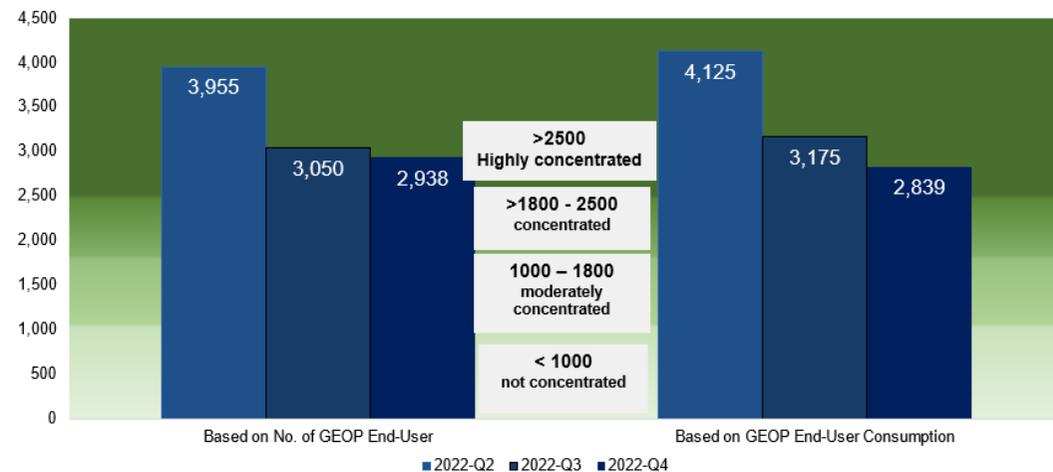
- Inside MERALCO franchise area, **43%** was served by the Ayala group and its affiliates.

Note: Market Participant Grouping (MPG) was based on RCOA MPG published by the ERC as part of the CREM report

HERFINDAHL-HIRSCHMAN INDEX (HHI)

PER PARTICIPANT GROUPING

FOUR-FIRM INDEX (C4)



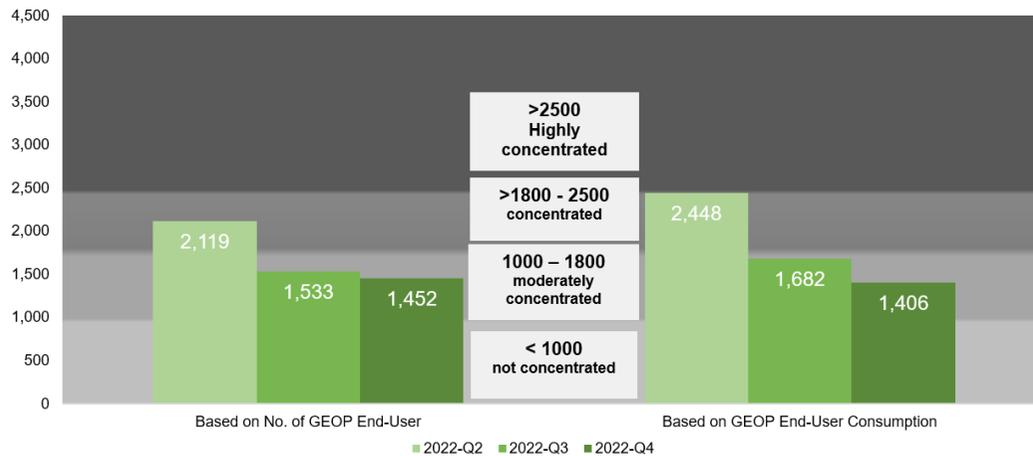
2022-Q4 remained a **Highly Concentrated Market** both in terms of share in no. of GEOP End-Users and energy consumption which is normal on markets upon its commencement.

C4 values were also high, at **above 90%**, for both measures during the covered period, and in the same manner with HHI. The high level of C4 values indicate an oligopoly competition in the GEOP mainly because of its early stages of implementation and the peculiarity of energy sources.

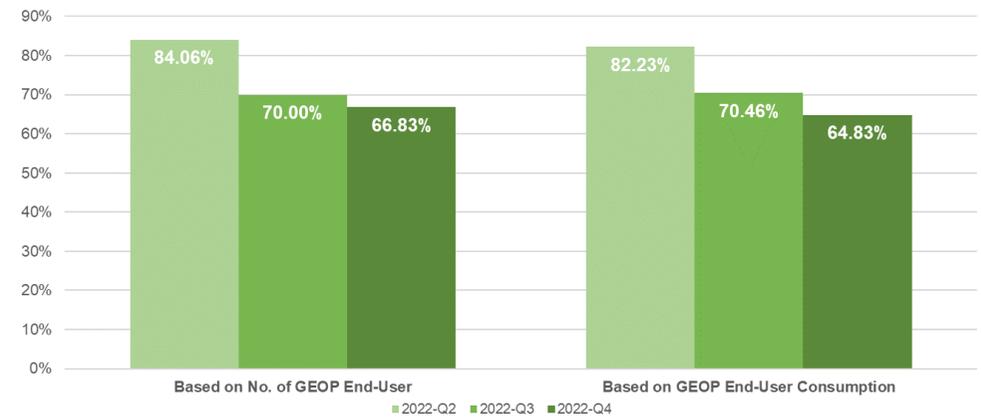
QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET STRUCTURE PER RE SUPPLIER

HERFINDAHL-HIRSCHMAN INDEX (HHI)



FOUR-FIRM INDEX (C4)



Similar to RCOA, 2022-Q4 was recorded to be a **Moderately Concentrated Market**, both in terms of share in no. of GEOP End-Users and energy consumption, when measured on a Supplier basis.

In terms of C4 values, it was likewise noted to be high at **above 60%**, for both measures, during the covered period. Similar with the RCOA, the C4 values revealed that for the GEOP, only four (4) GEOP Suppliers control more than 60% of the market which belongs to only two (2) participant groupings. This highly affects the concentration of the market and considers the presence of oligopoly in the GEOP.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

MARKET PERFORMANCE

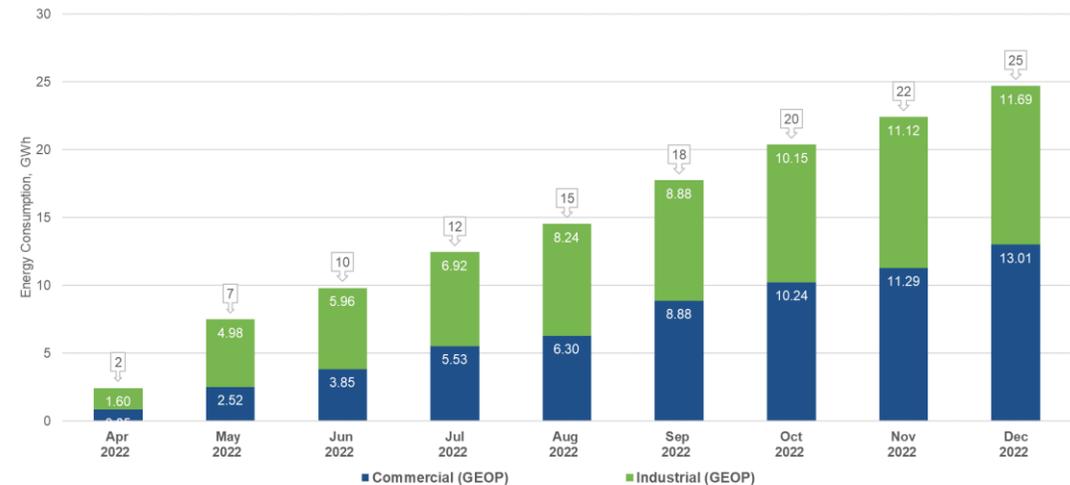
TOTAL ENERGY CONSUMPTION – INDUSTRY TYPE

Commercial

- Continuous **increase** in energy consumption for commercial GEOP End-Users was observed during 2022-Q4 which is attributable to the increasing no. of participants in the program.

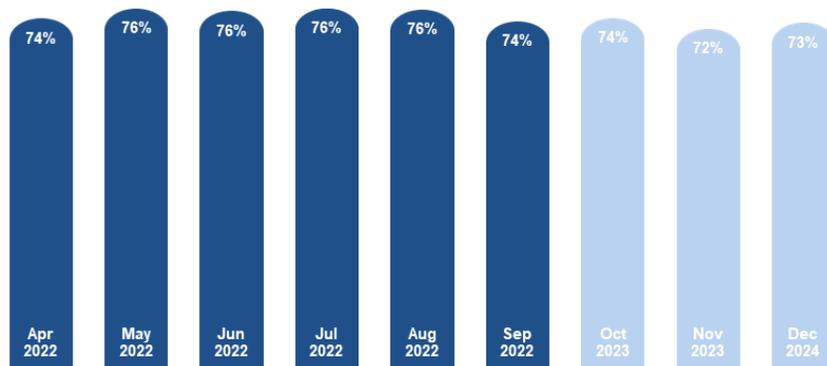
Industrial

- Similar observations were seen for the consumption of industrial GEOP End-Users.



MARKET PERFORMANCE

LOAD FACTOR

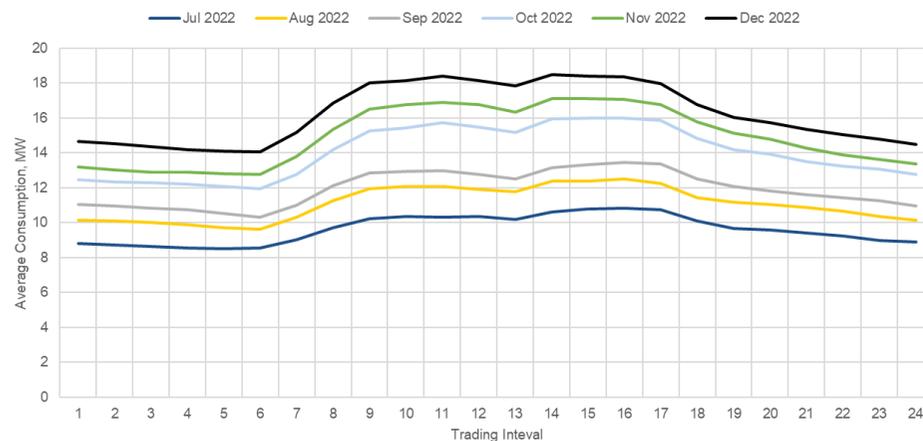


- The load factors of GEOP End-Users were calculated based on their actual consumption during the reference periods which was somewhat consistent during the fourth quarter of 2022 at 73%.
 - High load factors generally reflect efficient electricity usage which are likewise considered in the determination of contract rates for consumption.
- Load factors for GEOP may still be considered as fair, considering that the demand during the peak hours for commercial GEOP End-users vary significantly which may affect the resulting calculations.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

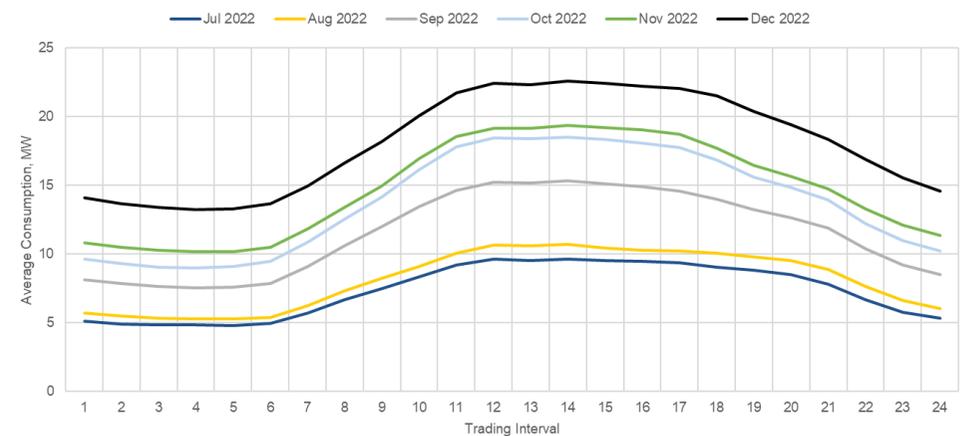
MARKET PERFORMANCE

LOAD PROFILE - INDUSTRIAL



- Similar to CCs, **3 consistent dips** were observed for the months in comparison which signifies observance of **breaks or exchange of shifts** among employees (0600H, 1200H, and 1800H).
- The month of December had the highest level of consumption for the fourth quarter of 2022 which was also attributable to the increasing no. of GEOP End-Users and the expected increase in consumption due to the holiday season.

LOAD PROFILE - COMMERCIAL



- Similar to CCs, the peak demand from **1000H to 1800H** was also observed during the period in review.
- Analogous to the industrial consumers, the increase in load demand for commercial GEOP End-Users was continuous during the fourth quarter of 2022 as a result of the increasing no. of registered GEOP End-Users and the expected increase in consumption due to the holiday season.

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

ANNEX A – LIST OF SUPPLIERS

Category	No.	Market Participant Name	RCOA	GEOP
Retail Electricity Supplier (RES) and Renewable Electricity Supplier (RE Supplier)	1	Aboitiz Energy Solutions, Inc.	✓	✓
	2	AC Energy and Infrastructure Corporation	✓	
	3	ACEN Corporation (Formerly known as AC Energy Corporation)	✓	
	4	AdventEnergy, Inc.	✓	✓
	5	Anda Power Corporation RES	✓	
	6	AP Renewables Inc.	✓	✓
	7	Asiapac Green Renewable Energy Corp.	✓	
	8	Bac-Man Geothermal, Inc.	✓	✓
	9	Citicore Energy Solutions, Inc.	✓	✓
	10	Corenergy, Inc.	✓	
	11	DirectPower Services, Inc.	✓	✓
	12	Ecozone Power Management, Inc.	✓	
	13	EEI Energy Solutions Corporation	✓	✓
	14	FDC Retail Electricity Sales Corporation	✓	
	15	First Gen Energy Solutions, Inc.	✓	✓
	16	Global Energy Supply Corporation	✓	
	17	GNPower Ltd. Co.	✓	
	18	Green Core Geothermal, Inc.	✓	✓
	19	KEPCO SPC Power Corporation	✓	
	20	Kratos RES, Inc.	✓	
	21	Mabuhay Energy Corporation	✓	
	22	Masinloc Power Partners Company Limited	✓	
	23	Mazzaraty Energy Corporation	✓	
	24	MegawattSolutions Inc.	✓	
	25	MeridianX Inc.	✓	
	26	PetroGreen Energy Corporation	✓	
	27	Premier Energy Resources Corporation	✓	
	28	Prism Energy, Inc.	✓	✓
	29	Rockport Power Inc.	✓	
	30	SEM-Calaca RES Corporation	✓	
	31	Shell Energy Philippines, Inc. - RES	✓	
	32	SMC Consolidated Power Corporation	✓	
	33	SN Aboitiz Power- Magat, Inc.	✓	
	34	SN Aboitiz Power-RES, Inc.	✓	✓
	35	Solar Philippines Retail Electricity, Inc.	✓	✓
	36	TeaM (Philippines) Energy Corporation	✓	
	37	Therma Luzon, Inc.	✓	✓
	38	Vantage Energy Solutions and Management, Inc.	✓	

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

ANNEX A – LIST OF SUPPLIERS

Category	No.	Market Participant Name	RCOA	GEOP
Local Retail Electricity Supplier	1	Batangas II Electric Cooperative, Inc.	✓	
	2	Camarines Sur II Electric Cooperative, Inc.	✓	
	3	Cebu I Electric Cooperative, Inc.	✓	
	4	Cebu II Electric Cooperative, Inc.	✓	
	5	Central Negros Electric Cooperative, Inc.	✓	
	6	Clark Electric Distribution Corporation LRES	✓	
	7	Dagupan Electric Corporation	✓	
	8	Ilocos Norte Electric Cooperative, Inc.	✓	
	9	Mactan Enerzone Corporation LRES	✓	
	10	Manila Electric Company	✓	
	11	Nueva Ecija I Electric Cooperative, Inc.	✓	
	12	San Fernando Electric Light & Power Co., Inc.	✓	
	13	Subic Enerzone Corporation	✓	
	14	Tarlac Electric, Inc.	✓	
	15	Visayan Electric Company, Inc.	✓	
Supplier of Last Resort	1	Angeles Electric Corporation	✓	✓
	2	Balamban Enerzone Corporation	✓	
	3	Batangas II Electric Cooperative, Inc.	✓	✓
	4	Benguet Electric Cooperative, Inc.	✓	
	5	Bohol I Electric Cooperative, Inc.	✓	
	6	Bohol Light Company, Inc.	✓	
	7	Cabanatuan Electric Corporation	✓	
	8	Camarines Sur II Electric Cooperative, Inc.	✓	
	9	Cebu I Electric Cooperative, Inc.	✓	✓
	10	Cebu II Electric Cooperative, Inc.	✓	
	11	Clark Electric Distribution Corporation	✓	
	12	Dagupan Electric Corporation	✓	✓
	13	Ilocos Norte Electric Cooperative, Inc.	✓	
	14	Ilocos Sur Electric Cooperative, Inc.	✓	
	15	Isabela I Electric Cooperative, Inc.	✓	
	16	La Union Electric Cooperative, Inc.	✓	✓
	17	Mactan Electric Company, Inc.	✓	✓
	18	Mactan Enerzone Corporation	✓	✓
	19	Manila Electric Company	✓	✓
	20	Negros Oriental II Electric Cooperative, Inc.	✓	
	21	Subic Enerzone Corporation	✓	
	22	Tarlac Electric, Inc.	✓	✓
	23	Tarlac I Electric Cooperative, Inc	✓	✓
	24	Tarlac II Electric Cooperative, Inc	✓	✓
	25	Visayan Electric Company, Inc.	✓	✓

QUARTERLY RETAIL MARKET ASSESSMENT REPORT

ANNEX B – LIST OF DISTRIBUTION UTILITIES AND ELECTRIC COOPERATIVES

No.	Distribution Utility/ Economic Zone	RCOA	GEOP	No.	Distribution Utility/ Economic LZone	RCOA	GEOP
1	Angeles Electric Corporation	✓	✓	31	Leyte V Electric Cooperative, Inc.	✓	
2	Authority of the Freeport Area of Bataan	✓		32	LIMA Enerzone Corporation	✓	
3	Aklan Electric Cooperative, Inc.	✓		33	La Union Electric Company, Inc.	✓	
4	Albay Electric Cooperative, Inc.	✓	✓	34	La Union Electric Cooperative, Inc.	✓	
5	Antique Electric Cooperative, Inc.	✓		35	Malvar Enerzone Corporation	✓	
6	Batangas I Electric Cooperative, Inc.	✓		36	Mactan Electric Company	✓	
7	Batangas II Electric Cooperative	✓	✓	37	Manila Electric Company	✓	✓
8	Benguet Electric Cooperative	✓		38	Mactan Economic Zone	✓	✓
9	Balamban Enerzone Corporation	✓		39	MORE Electric and Power Corporation	✓	✓
10	Bohol Light Company, Inc.	✓		40	Nueva Ecija I Electric Cooperative, Inc.	✓	
11	Bohol I Electric Cooperative, Inc.	✓		41	Nueva Ecija II Electric Cooperative, Inc.	✓	
12	Cagayan1 Electric Cooperative, Inc.	✓		42	Negros Occidental Electric Cooperative, Inc.	✓	
13	Cagayan II Electric Cooperative, Inc.	✓		43	Northern Negros Electric Cooperative, Inc.	✓	
14	Capiz Electric Cooperative, Inc.	✓		44	Negros Oriental II Electric Cooperative, Inc.	✓	
15	Camarines Sur II Electric Cooperative, Inc.	✓		45	Olongapo Electricity Distribution Company	✓	
16	Cebu I Electric Cooperative, Inc.	✓	✓	46	Pangasinan III Electric Cooperative, Inc.	✓	✓
17	Cebu II Electric Cooperative, Inc.	✓	✓	47	Panay Electric Co., Inc.	✓	
18	Cebu III Electric Cooperative, Inc.		✓	48	Pampanga I Electric Cooperative, Inc.	✓	
19	Clark Electric Distribution Corporation	✓		49	Pampanga II Electric Cooperative, Inc.	✓	
20	Cabanatuan Electric Corporation	✓		50	Peninsula Electric Cooperative, Inc.	✓	
21	Central Negros Electric Cooperative, Inc.	✓		51	Quezon I Electric Cooperative, Inc.	✓	
22	Central Pangasinan Electric Cooperative, Inc.	✓		52	Samar I Electric Cooperative, Inc.	✓	
23	Dagupan Electric Corporation	✓		53	Subic EnerZone Corporation	✓	
24	Don Orestes Electric Cooperative, Inc.	✓		54	San Fernando Electric Light and Power Company, Inc.	✓	
25	Iloilo I Electric Cooperative, Inc.	✓		55	Sorsogon II Electric Cooperative, Inc.	✓	
26	Iloilo II Electric Cooperative, Inc.	✓		56	Tarlac I Electric Cooperative, Inc.	✓	✓
27	Ilocos Norte Electric Cooperative, Inc.	✓		57	Tarlac II Electric Cooperative, Inc.	✓	✓
28	Isabela I Electric Cooperative, Inc.	✓		58	Tarlac Electric, Inc.	✓	✓
29	Isabela II Electric Cooperative, Inc.	✓		59	Visayan Electric Company, Inc.	✓	✓
30	Leyte II Electric Cooperative, Inc.	✓		60	National Grid Corporation of the Philippines	✓	
30	Leyte V Electric Cooperative, Inc.	✓					