



Mainstreaming RE

An IEC campaign on the Green Energy Option Program
& other Renewable Energy Voluntary Programs

Prepared by the Renewable Energy Management Bureau



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01. Background

The Republic Act No. 9513 or the Renewable Energy Act of 2008 (RE Act) was enacted in 2009, embodying the different voluntary renewable energy (RE) policy mechanisms that empower consumers to choose and utilize renewables. More than a decade following its enactment, the Green Energy Option Program (GEOP) was fully implemented in 2022, allowing end-users with an average monthly peak demand of 100 kW and above to choose RE as their source of power. It is unique in the sense that it requires utilization of 100% RE.

Another policy mechanism under the RE Act is the Net-Metering Program that is being implemented since 2013. It is a consumer-based incentive that encourages electricity end-users to participate in the generation of electricity from renewable sources to meet part of its electricity demand. This policy has undergone a number of enhancements in order to address and cater the needs of end-users.

Recognizing that there is a need to develop innovative plans and programs to achieve the ambitious RE targets, the DOE issued a policy on Expanded Roof-Mounted Solar Program in the Philippines (ERSP) in 2023. It provides the guidelines for all roof-mounted solar energy generating facilities with a capacity of above 100 kW_p, intended for own-use and/or export of energy to its host distribution utility (DU) or to the Grid. This policy also introduced three innovative business models: 1) Supply Contingency Option; 2) Lease-to-Generate Option; and 3) Restricted Peer-to-Peer Energy Trading.

OBJECTIVES

To address information gaps about the policies and programs of the DOE and increase the public's level of awareness on the clean energy options and emphasize the significant roles of economic zones in accelerating the transition to RE.

ACTIVITIES

With the support and assistance of the United States Agency for International Development – Energy Secure Philippines project (USAID-ESP), a series of information, education, and communication (IEC) campaigns on the GEOP and other RE voluntary programs were conducted, with economic zone locators, enerzones, existing GEOP customers, RE suppliers, and other energy stakeholders as participants. The sessions also opened a dialogue on the participants' insights on RE programs.

Venue	Date
Court Meridian Hotel, Subic, Zambales	16 April 2024
Bai Hotel, Cebu	26 April 2024
Pontefino Hotel, Batangas City	30 April 2024
Goldberry Lite Hotel, Iloilo City	09 May 2024

Representatives from the Renewable Energy Management Bureau (REMB), the Philippine Economic Zone Authority (PEZA), Energy Regulatory Commission (ERC), and the Climate Reality Project PH stood as panelists during the discussions. One of the highlights of the events is the testimonial from GEOP switchers, sharing their journey and how the program benefited their companies.

02. Presentation Highlights

Discussions in the morning session focused mainly on the GEOP, highlighting the potential contribution of ecozones in utilizing RE. Meanwhile, the afternoon session provided discussions on other customer choice programs that enable RE access to end-users including the Net-Metering Program, Distributed Energy Resources, and the ERSP.

The following topics were presented during the campaigns:

1. OVERVIEW ON THE GEOP

Angelica Delos Santos of the DOE-REMB presented the overview of the GEOP. GEOP is a non-regulated voluntary policy mechanism that allows electricity end-users with an average of 100 kilowatts (kW) and above demand to source 100% of their electricity from RE resources. It is unique in a sense that it requires utilization of 100% RE, including replacement power. This program is guided by the following issuance: 1) Department Circular (DC) No. DC2018-07-0019 or the DOE GEOP Rules; 2) DC2020-04-0009 or the GEOP Operating Permit Guidelines; 3) ERC Resolution No. 8, series of 2021; and 4) DC2024-03-0009 or the Mindanao Retail Market. It was highlighted that GEOP presents significant advantages for businesses. As of December 2023, the GEOP has 17 existing RE Suppliers while 286 customers in Luzon and Visayas with a non-coincidental peak demand of 96.3 MW have already switched to the program.

2. RE ENERGIZE SURVEY REPORT ON THE GEOP

Representatives from the Climate Reality Project, Ian Soqueno and Mary Jane San Juan, discussed the findings of their Survey covering 415 respondents from various companies. Aiming to increase the knowledge and capacity of private business companies to transition to renewables through the GEOP, Climate Reality works with the academe on the development of a comprehensive study on energy transition with clear information on opportunities and options to access cheaper, reliable, and domestically sourced energy in coordination with key Climate Reality Leaders and local government units. Issues gathered during the survey include awareness gaps, difficulty in reaching the 100kW threshold, switching process timelines, and supply availability.





3. THE NET-METERING PROGRAM

Personnels from the Solar Energy Management Group of the DOE-REMB, Arnie Zabala, Eden Rose Perez, Jeffrey Cotoner, and Rewe Cornejo, presented the topic on Net-Metering Program and its application process. The Net Metering Program is a non-fiscal strategy that encourages electricity end-users to participate in the generation of electricity from renewable sources to meet part of its electricity requirements and sell excess energy to its host DU. As of December 2023, there are 11,707 participating end-users with a total capacity of 101.5 MW of Net-Metering facilities, mainly solar PVs. Fifty-eight percent (58%) of the qualified end-users are in the franchise area of MERALCO.

4. DISTRIBUTED ENERGY RESOURCES GUIDELINES

The Distributed Energy Resources (DER) Guidelines issued in 2022 is also presented by representatives from the ERC, Franz Xyrlo Tobias and Timothy Arce. The DER program covers behind-the-meter power sources which are connected to the distribution system or electrical system of the electricity end-users, that could be aggregated to meet a demand. Categorized into two, the DER can either be exporting DER or non-exporting DER. Exporting DER covers greater than 100 kW up to 1 MW, while non-exporting DER has no capacity limit, provided that the owner and end-user are not the same entity. Commercial arrangements include sale of energy to end-user with or without transfer of ownership to the end-user, leased to end-user, and sale of energy to end-user with operations and maintenance agreement between owner and operator.

For On-grid Pricing, the utility shall compensate a DER's exported energy based on the DU's monthly blended generation rate in relation to its DER rated capacity which shall be computed 75% of the blended generation rate for above 100kW to 500kW and 60% of the blended generation rate for above 500kW to 1MW. While for Off-grid Pricing, the utility shall compensate a DER's exported energy based on its applicable Subsidized Approved Generation Rate.

5. Introduction to the Expanded Roof-Mounted Solar Program

Jordan Ballaran of the DOE-REMB introduced the Expanded Roof-mounted Solar Program in the Philippines. The DOE recognizes the value of rooftops as a venue to increase solar generation and further promote solar roof-mounted technologies, hence, the promulgation of the ERSP policy on 14 December 2023.

The ERSP introduced three business models or supply augmentation framework for roof-mounted solar facilities (RSF): 1) the Supply Contingency Option, which involves the participation of electricity end-users with self-generation RSF of above 100 kW opting to export its energy generation during power supply shortages and emergency situations; 2) the Lease-to-Generate Option, which enables RE developers to utilize rooftops of building establishments in contiguous areas for RSF under lease or similar arrangements; and 3) the Restricted Peer-to-Peer Energy Trading, allows roof-mounted solar providers, prosumers, and consumers within a confined or contiguous area to participate in electricity trading within and/or among themselves for power supply.



03. Panel Discussion

The panel discussions, facilitated by Ms. Liza V. Pangilinan of the DOE-REMB, focused primarily on the implementation of the GEOP, with emphasis on the experiences of GEOP switchers. The discussion also revolved around GEOP operationalization, including issues and challenges encountered, and the ways forward of the DOE to further improve the policy.

GEOP CUSTOMER TESTIMONIALS

Four GEOP switchers participated in the panel discussion. They shared their switching process experiences and highlighted the benefits of GEOP in their companies.

1. Foodcrafters, Inc.

Engr. Glenn Prequencia & Engr. Ello Pedeglorio, Plant Engineers

- A processed food manufacturing company, with around 150kW demand, who has been a GEOP customer since September 2023.
- Their GEOP journey was nothing but smooth sailing. Their RE supplier, AC Energy Philippines, Inc. (ACEN), helped them in complying with all the requirements as well as the preparation of necessary documents. There were also no problems encountered with MERALCO, the host DU.
- The switching process took six (6) to eight (8) months. Majority of this timeline is dedicated in the preparation of documentary requirements, but the actual switching process took just one day.
- The company's main consideration in switching to GEOP is how the program promotes cost saving and sustainability. They already saw the impact six (6) months after switching, with an estimated savings of more than half a million pesos (P500,000.00).
- Apart from the savings earned, the company also acknowledged the long-term impact of GEOP, which is to combat the effects of climate change.
- Despite having 100% RE supply, so far, there has been no major supply issue or power interruption encountered.



2. First Philippine Industrial Park, Inc. (FPIP)

Engr. Nelson P. Lontok, Operations Planning Lead

- An industrial park established in 1996 with 150 locators.
- 3 accounts or locators first switched in October 2023 and an additional 3 pump stations accounts switched in April 2024, supplied by geothermal energy.
- Through the GEOP, FPIP was able to reach sustainability and decarbonization goals, reducing approximately 500 tons of CO₂ emissions per account.
- FPIP's power operational expenses was reduced due to less cost on generation charge through discounts provided by their RE Supplier, Bacman Geothermal, Inc.
- Legwork on switching was done by the RE Supplier, while there were no issues encountered with MERALCO as host DU.
- As FPIP expands their operation, more locators will be qualified to GEOP. However, they acknowledged the limited supply of their RE Supplier.

3. Delfingen PH-Filipinas, Inc.

Engr. Ninolito Rodrigo, Maintenance Manager & Mr. Junreyrio Demoral, Safety Officer

- A global automotive supplier and a world leader in protection and routing systems for electrical networks and on-board fluid transfer solutions.
- The mother company is based in Europe and requires all their 40 sites in 4 continents to commit to a circular economy, balancing cost saving and the environment, hence, transitioning to RE.
- The site in Lapu-Lapu City switched to GEOP in October 2022 with ACEN as the RE Supplier.
- They were able to achieve a 10% savings on the electricity bill and reduce 1,900 tons of CO₂ emissions.
- Delfingen PH partnered with a third-party entity to process the switching with split arrangements in cost savings.



4. Philippine IINO Corporation

Mr. Zandro Flores, Facilities Manager

- A manufacturer of engine and hi-precision parts for export, located in Mactan Economic Zone in Lapu-Lapu City, Cebu.
- Motivated by the climate and energy crisis, the company switched to GEOP in March 2022 with ACEN as the RE Supplier, making them one of the earliest switchers.
- The company found their RE Supplier by browsing through the DOE website.
- They provided documentary requirements to the RES, 2 to 3 weeks thereafter, the GEOP Supply contract was sent for signature.
- The switching process went smoothly with its host DU, Mactan Enerzone, being very cooperative.
- Mr. Flores emphasized that GEOP has improved their public image. It has made them become globally competitive by reducing their carbon footprints and reducing energy costs that improved their operations and the quality of their products.



Switching to GEOP is not just a choice, but a responsibility

MR. ZANDRO FLORES

09 May 2024, Iloilo City

RE INITIATIVES IN ECONOMIC ZONES

- Since 2015, PEZA has been implementing incentives for green energy projects such as tax and duty-free importation of energy efficiency equipment and products, specifically solar panels.
- As of December 2023, there is a total of 182 MW solar power capacity installed in ecozones.
- PEZA encourages private ecozones to shift to RE considering that there are a lot of monetary instruments for doing so (e.g., carbon credits).
- On the other hand, PEZA entered into a Memorandum of Agreement to conduct a feasibility study of green and renewable energy for public ecozones, particularly on the installation of solar rooftop projects. One of the challenges involved is the complexity of the procurement process.



RECOMMENDATIONS FOR GEOP IMPROVEMENT

- The Climate Reality PH aims to raise energy literacy and engage entities to transition to RE through the GEOP.
- The Climate Reality PH shared some insights and recommendations for government agencies for the improvement of the GEOP.
 - Possibility of lowering the 100 kW threshold to accommodate customers with lesser energy demand to switch
 - Implementing guidelines on aggregation
 - The continuous conduct of IEC campaigns to promote the program will help in raising awareness among the people, including businesses and industries.
 - Streamline the requirements and processes in switching to GEOP.
- Meanwhile, the Climate Reality PH recommended the Independent Electricity Market Operator of the Philippines (IEMOP) as the Central Registration Body to develop knowledge products that are publicly available and accessible and release monthly updates of GEOP switchers.
- They also underscored the RE suppliers to continuously coordinate with the government and conduct consultation and knowledge sharing with small and medium businesses.



04. Q & A Sessions

With majority of the participants coming from ecozone locators, most of the questions circled primarily on the GEOP. It can be inferred from the discussions that many are interested to know about the voluntary programs of the DOE.



Most Asked Questions

- What are the benefits of GEOP?
- How much is the savings in GEOP and/or installing solar rooftops?
- Is there an available RE capacity?
- How to acquire RE Certificates?
- What are the incentives of consumers utilizing RE?

Below are the summary of questions and corresponding answers raised per leg of the campaign.

Questions / Comments	Responses
Subic Leg, 16 April 2024	
For Foodcrafters, Inc.:	
How much is the kilowatt requirement of Foodcrafters, Inc.?	Average consumption of 150kW
Is the power requirement 100% RE?	Yes, 100% RE since September 2023
Are there technical problems encountered, like power interruptions, upon switching to GEOP?	No such problems were encountered
Effect on the generation charge	Included in the bill. There is discount in the rate
	GEOP is a non-regulated activity, only to the extent of the generation component of the supply. All other components such as the distribution, transmission, and

	<p>metering shall still conform to the rules and guidelines set by the ERC.</p>
<p>Are there other companies who switched to GEOP, e.g. manufacturing companies with, for instance, 20MW capacity (Texas Instruments)?</p>	<p>The change is only on the generation since the customer is migrating from the DU to an RE Supplier. Other aspects are the same.</p> <p>The DOE intends to design the GEOP to cover big/high capacities. Currently, however, due to limited capacity in GEOP, companies with higher demand can explore other mechanisms, like direct contracting.</p> <p>Under the GEOP, the power quality of the system does not change. Fluctuations may occur during disturbance within the grid or the distribution system.</p> <p>Texas Instruments can also look into the Retail Competition and Open Access Program.</p>
<p>Any government incentives for the companies who will opt for the GEOP?</p>	<p>There are fiscal incentives for RE developers, which is passed on to the customers, that will translate to reducing the price. For example, there is a VAT zero-rating incentive for RE generation, hence, lower generation charges should be applied to the end-users.</p> <p>Currently, there are no incentives for the customers but the power to negotiate price at a lower cost. In the future, the DOE is looking into providing the customers with incentives, like REC ownership, which can be sold in either domestic or international markets.</p>
<p>What if the GEOP customer needs to relocate, is the GEOP contract needs to be the same?</p>	<p>If the new address is within the same DU's franchise area, the customer may just send a relocation request to the RE Supplier. The new location should still be compliant with the GEOP threshold requirements.</p>

	If the new address is within the franchise area of another DU, a GEOP reapplication is necessary.
Would want to install Rooftop solar, what are the processes in applying to DOE?	May apply for a Certificate of Registration for Own-Use or a RE contract that will depend on the purpose of use.
Clarification if LGU charges a fee for net-metering?	The LGU can only charge for those involving their processes such as building permit fee, and electrical inspection fee. Meanwhile, DUs should not collect fees for the conduct of Distribution Impact Study.
If a DU installs a solar facility for own use, does it need to apply for DER / COC?	Can apply for COC for own use. But the DU can also own a DER under the rules.
Who will apply for the DER? The DU or the DER owner/operator?	It will be the owner of the COC. Depends on the commercial agreement.
Cebu Leg, 26 April 2024	
For the GEOP customers: During the switching process, have you encountered any power interruptions? Are there problems on reliability?	None, no disruptions experienced during the switching process, except during the change of meters. So far, there are no issues on reliability. There are just scheduled power interruptions for maintenance activities.
Is there a provision on the Supplier of Last Resort (SOLR)? What if we wanted to revert back as captive customer?	The default SOLR is the DU. In GEOP, the customer can revert as captive customer of the DU, provided it has settled all its outstanding financial obligations to the RE Supplier. A GEOP customer may only exercise its option to revert to being a captive customer once every 12 months.
We wanted to shift to RE, but we would like to know who can provide 6 MW or 7.2 MW of RE capacity?	You can explore direct contracting.
Is there a guaranteed minimum billing demand in the DWSA contract?	It depends on the DU and RE Supplier's negotiation.
Comparing GEOP vs. PPA prices, which will result to more savings?	The voluntary programs are good in the sense that it is competitive. In a general sense, we cannot tell who will provide

	<p>more savings as it is a case-to-case basis and depends on the Supplier.</p> <p>It is the responsibility of the customer to be fully informed of the technical, legal, and financial arrangements with its Supplier.</p>
What if a GEOP customer will relocate?	<p>If the new address is within the same DU's franchise area, the customer may just send a relocation request to the RE Supplier. The new location should still be compliant with the GEOP threshold requirements.</p> <p>If the new address is within the franchise area of another DU, a GEOP reapplication is necessary.</p>
PEZA act as DU in ecozones. One locator installed a solar facility without informing the DU (guerilla installation). Can we penalize the locator for this? Who police or regulates these illegal installations?	<p>Before operating an own-use or a net-metering registered solar facility, a Certificate of Compliance (COC) from the ERC must be secured. For any illegal installations, you can always file a dispute with the ERC.</p> <p>The DU should also check the allowable maximum capacity to be installed for safety reasons. In addition, all installations shall comply with the requirements of the Philippine Electrical Code. At the same time, the LGUs issue Certificate of Final Electrical Inspection (CFEI).</p>
On fiscal incentives, as a locator, we are having issues on the boundary. Where should we apply for income tax holiday, to PEZA or the DOE?	We need to avoid double dipping. You can only be governed by one law.
As a DU, can we disconnect households with guerilla solar installations?	There is no policy on this yet.
What is the rationale behind the 30% maximum exporting capacity limit in the DER guidelines?	The DER is in its initial stages. The ERC is still testing the waters to see if it is possible to further increase this limit. This falls under the jurisdiction of the ERC.

In processing the DER application, who will file for the application, the end-user or the DU?	The owner of the COC shall file the application to the ERC.
How can the end-users trade or buy RE certificates?	So far, there are no rules in place allowing end-users to own RECs.
Batangas Leg, 30 April 2024	
How do you know that your electricity is really RE, since it is just a matter of contract and the electrons flowing in the lines are mixed?	The customer consumption and RE plant generations are metered and being monitored by the Central Registration Body (IEMOP). The DUs contract can also be checked.
How do you treat waste from solar panels after its technical life?	We are currently conducting a study to create a policy / guidelines on the proper waste management and disposal of solar panels.
There are several locators / companies with multiple meters. What is the requirement for GEOP?	1 meter per customer.
One locator is required by its mother company to manufacture their products using RE, hence, they need RE certificates as proof. Can a locator request RECs from the RE Supplier? Or can the DU allocate its RECs to the locator?	No. All RECs generated under the GEOP will be allocated to the DU. These RECs can be traded, but only among the mandated participants. Locators are not and cannot be registered as participants in the RE Market as of now. We have ongoing discussions about opening a voluntary market to allow REC ownership of customers. As a solution, we can provide/issue any certification to prove that a locator uses RE.
Status of the Renewable Energy Market	Currently, the REM is in its interim commercial operations. The ERC will issue a price cap on the REC prior to the RE Market's full commercial operation.
We are now encouraging our company to install RE, aside from incentives from PEZA, are there additional incentives for companies installing solar panels or utilizing RE?	The RE Law provides several incentives for RE developers, while PEZA provides tax and duty-free importation under PEZA BR No. 15-239. None so far for solar installations of end-users.

<p>We are also eligible to RCOA, can we subscribe a portion to GEOP?</p>	<p>The registration and billing should be different. There are RCOA Suppliers that also supplies RE. This can be possible only if meters are separated.</p>
<p>We have plans to switch to RE, but we already signed a contract with Meralco Energy, Inc. (MSERV). Can we still switch to the GEOP?</p>	<p>You must review the provisions to avoid breaching the contract. MSERV is not a Supplier under the GEOP</p>
<p>On GEOP switching, there is no change on physical connection, but there is a possible change of meter. Any idea on how much?</p>	<p>The GEOP requires the installation of a 5-minute interval meter. From ACEN's experience within MERALCO's franchise area, the cost difference from changing the old meter to a new one costs from PhP9,000-15,00.00.</p>
<p>We are a PEZA registered locator. Currently, our installations are for own-use. However, we now intend to export energy every Saturday or Sunday, for example.</p>	<p>If that is the case, you will be acting as a generating company. The question is, are you going to export it to the DU or to other locators?</p> <p>Currently, you are registered as manufacturer. Since you are a PEZA registered locator, you need to secure another registration, or you can just file for an amendment to the existing registration.</p>
<p>What is the service life of solar panel?</p>	<p>On an average, 20 to 25 years.</p>
<p>Are there any differences on fees imposed by DUs for the conduct of Distribution Impact Study (DIS)?</p>	<p>DUs should not charge their customers for the conduct of a DIS. If so, this can be reported to the ERC. On the other hand, there are some DUs incapable of conducting a DIS.</p> <p>Fees charged to Net-Metering applicants must be standardized. The DOE and ERC will further discuss this matter.</p>
<p>Iloilo Leg, 09 May 2024</p>	
<p>From ACEN:</p> <p>We need DUs Load Profiles (hourly profile) to have proper profiling and offer to customers. In RCOA, the load Profile for the First Year is provided for free, then the</p>	<p>This will be considered in the proposed amendments.</p>

<p>succeeding years cost almost PhP60,000. We hope that this arrangement can also be applied to GEOP. In GEOP we only base the customer profiles on the electricity bill (monthly profile).</p>	
<p>For the GEOP Customer (Philippine IINO Corporation):</p> <p>Did you experience any problems during the switching process?</p> <p>Single or Dual Billing? How did you find your RES?</p> <p>What are the benefits of GEOP?</p>	<p>No issues encountered.</p> <p>Single Billing. We searched through the DOE website.</p> <p>We become globally competitive – we reduce our carbon footprints and improve our operations and the quality of our products. This improves our public image.</p>
<p>From Medical City Iloilo:</p> <p>We understand that GEOP will help us a lot in reducing the hospital’s electricity bill. But what is the first step.</p>	<p>Check if you are qualified end-user and falls within the threshold and find an RE Supplier that can supply your requirement.</p>
<p>Considering the number of customers willing to switch, is there a sufficient available capacity?</p>	<p>To address supply availability for GEOP, the DOE will be amending the policy. We are looking into facilitating a pool for RE Supply and allowing only portion of the demand be catered by RE for a period instead of migrating 100%</p>
<p>How can you assure security and reliability of Supply under the GEOP? How do we know that it is really RE?</p>	<p>The DOE requires the RE Supplier to provide Replacement Power from RE resources. In addition, the DU will automatically serve as the SOLR.</p> <p>RE supply can be traced through the CRB and Supply Contracts. By virtue of metering, we can trace the volume of capacity delivered.</p>

<p>Considering the number of customers willing to switch to GEOP, what will be its impact to the Contracted Demand of the DUs?</p>	<p>EPIRA defined the business of DUs in wiring and distribution. The DUs should check and prepare for the potential displaced contracts. The ERC has also issued regulation on renegotiating displaced contracts.</p>
<p>From SEDA Atria:</p> <p>We are already registered as a GEOP customer, and we also wanted to venture and invest in solar panels. How to go about this? Is this possible?</p>	<p>Check if adding solar installations will violate your GEOP contract. Adding solar might reduce GEOP supply requirement and might reduce your peak demand below the GEOP threshold (100kW).</p>
<p>From GreenForum,</p> <p>We helped the UNDP DREAMS in repurposing micro hydropower plants. We've seen the potential of Panay Mountain ranges for micro hydro projects.</p> <p>The DER has a 30% exporting limit. What business model can we use for small far-flung communities utilizing micro hydro plant? 20% of the generation will be for own-use while the rest will be exported to the DU.</p>	<p>It depends on several factors. Who owns the project? Depending on the capacity, it could be an embedded project connected directly to the DU. Is there a study on how much it will cost to interconnect the project to the DU?</p> <p>We suggest putting it in writing and send it to the DOE, for us to study on the possible steps to utilize these projects. We can also help in finding assistance from development partners.</p>
<p>DUs face challenges in complying with policies. For instance, requests for DIS or load profiles are being charged and then passed on to consumers as administrative fees. Do we have policies to avoid these?</p>	<p>DUs are regulated entities. If the DU will be able to justify the need to pass on these charges, it is not prohibited.</p>
<p>In Guimaras and Panay areas, we have an abundance of wind resources. Can we consider solar-wind hybrid for the Net-Metering and DER?</p>	<p>Yes, as long as it is RE. The DOE also promotes multi-use of RE resources in an area.</p>
<p>Does the DOE finance research and development for us to develop our own local equipment?</p>	<p>The RE Act supports local fabricators and manufacturers of RE. We currently have the Renewable Energy Trust Fund. You can submit a proposal to the DOE for us to study if it can be funded by this fund. Currently, the GAA of the DOE do not have a line item for funding such research.</p>

AVP ON GEOP SWITCHING PROCESS

A 6-minute audio visual presentation, guiding the end-users on the GEOP switching process, was created through the collaboration of the DOE, USAID-ESP, and IEMOP. The video presents an overview of the process, explains the eligibility of end-users who may switch, documentary requirements, and the timeline of the switch.

The AVP was played during the campaigns to clarify the switching process queries of the participants. This will be uploaded at the DOE website and at the official facebook page of the REMB, REAct Ph: Choose Renewables.



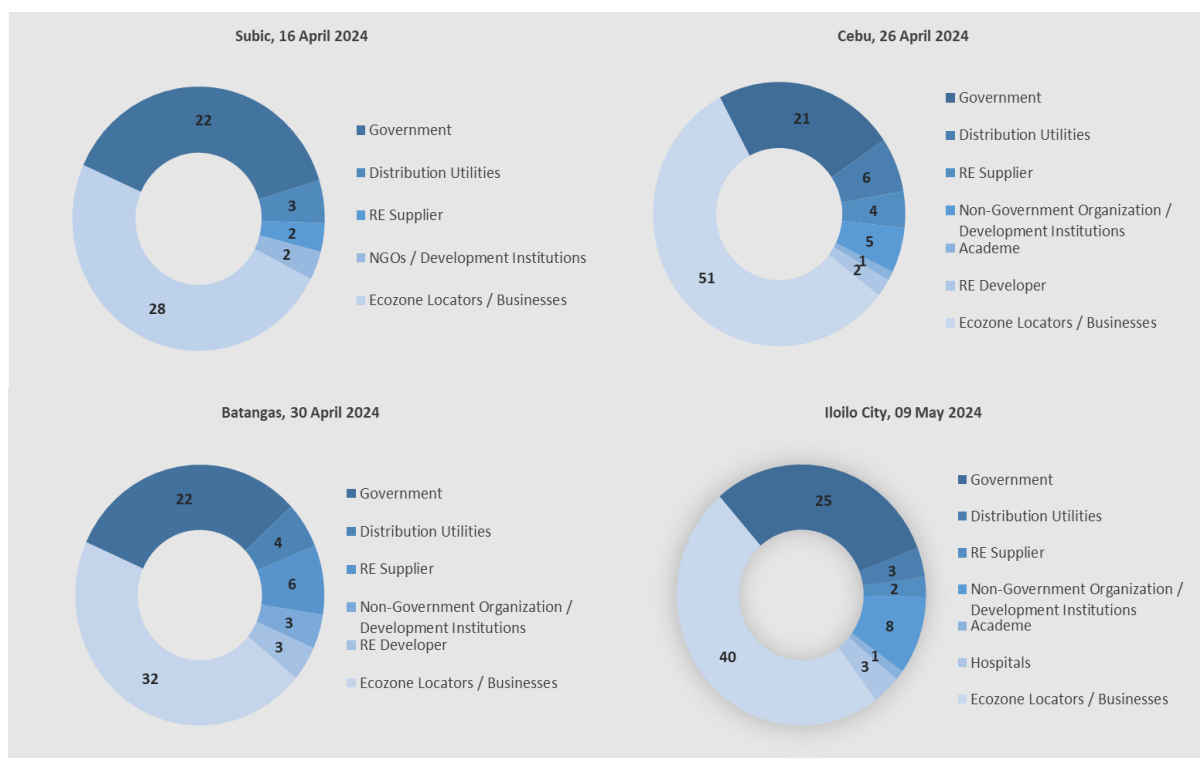
05. Ways Forward

It has only been over 2 years since the full implementation of the GEOP. We have seen several issues and challenges that need to be addressed through policy enhancements. Considering the discussions made, including comments and queries raised by stakeholders during the series of IEC campaigns, the DOE deemed it necessary to make several enhancements to the GEOP and implement innovative strategies for the improvement of RE voluntary programs.

- Policy enhancement of the GEOP, to consider aggregation, allowing end-users below the threshold to participate.
- Strategize for the realization of a RE Pool as source for Replacement Power.
- Creation of a Voluntary RE Market allowing end-users to own and trade RE Certificates.
- Continuous conduct of dialogues and promotion of the GEOP and other RE Voluntary Programs with development partners to increase supply and demand for the GEOP.
- Showcase success stories of GEOP customers highlighting benefits and business decisions to switch to cleaner energy and reduce carbon footprints.

06. Participants

The following sectors participated in the events that made the exchange of ideas during the panel discussions and Q&A sessions more substantive.



Subic Leg, 16 April 2024		
Sector	Name of Organization	No. of Participants
Government	DOE	10
	PEZA	10
	ERC	2
Distribution Utilities	Subic Enerzone	3
RE Supplier	Aboitiz Power Corporation	2
NGOs / Development Institutions	The Climate Reality Ph	2
Ecozone Locators / Businesses	Foodcrafters, Inc.	2
	Subic Smart Community Corporation	2
	Da Tian Subic Shoes, Inc.	2
	Mikuni Terminals Mechatronics Philippines Corporation	1

	Broadband Broadcast Services PTE. LTD-Philippine Branch	3
	SDP Phil.	1
	Subic Water	2
	Tong Lung (Phils) Metal Industry Co. Inc.	1
	Sanyo Denki Philippines, Inc.	1
	Nidec Subic Philippines Corporation	1
	Sunon Electronics Philippines Corp.	2
	Court Meridian Hotel	10
TOTAL		57

Cebu Leg, 26 April 2024		
Sector	Name of Organization	No. of Participants
Government	DOE	14
	PEZA	5
	ERC	2
Distribution Utilities	Mactan Enerzone	2
	Balamban Enerzone	1
	Visayan Electric Company, Inc	3
RE Suppliers	ACEN Corporation	2
	Adventenergy Inc.	1
	First Gen Energy Solutions, Inc.	1
RE Developers	Energy Development Corporation	1
	Aboitiz Power	1
NGOs / Development Institutions	Institute for Climate & Sustainable Cities	2
	The Climate Reality Project PH	3
Academe	University of San Carlos	1
Ecozone Locators / Businesses	Delfingen PH	2
	Philippine IINO Corporation	5
	Ina Micro Opto Corporation	2
	Sawo, Inc.	3
	Austal Philippines Pty Ltd.	1
	Coralpoint Beach and Yacht Club	2
	EarthGrain, Inc.	1
	Sports Royal, Inc.	2
	PEBA Tandem Manufacturing Inc.	1
	Primary Properties Corporation	1
	Knowles Electronics (Philippines) Corporation	2

	Globalwear Manufacturing, Inc.	1
	Cebu Toyo Corporation	1
	HPOI Corporation	1
	Metro Retail Stores Group Inc. - Metro Supermarket Banilad - A.S.Fortuna street cor. H.Cortes street	4
	High End Fashion Jewelry Production Philippines, Inc.	1
	Tong Fang International, Inc.	3
	Funai Electric Cebu Inc.,	2
	Funai Electric Cebu Inc.,	2
	Inspire Team Pty Ltd. - Philippines Branch	1
	Optum Global Solutions (Philippines), Inc.	1
	MSM Philippines MFG. Inc.	2
	Lexmark Research and Development Corporation	2
	Vertex One Apparel Phils., Inc.	2
	CBRE	1
	Yamashin Cebu Filter Manufacturing Corporation	2
	Sanfran	1
	GMC	1
	Metro Wear, Inc.	1
Total		90

Batangas Leg, 30 April 2024		
Sector	Name of Organization	No. of Participants
Government	DOE	16
	PEZA	3
	ERC	3
Distribution Utilities	Malvar Enerzone	2
	Lima Enerzone	2
RE Suppliers	Aboitiz Group	2
	First Gen Energy Solutions, Inc.	1
	Direct Power Services, Inc.	2
	ACEN RES	1
RE Developers	Energy Development Corporation	2
	PAVI Green	1
NGOs / Development Institutions	The Climate Reality Project PH	3

Ecozone Locators / Businesses	First Philippine Industrial Park, Inc.	2
	Aikawa Philippines Inc.	1
	Bio-Normalizer Nutraceutical Corp.	1
	Brother Industries (Philippines), Inc.	2
	Citizen Finedevise Philippines Corp.	1
	Citizen Machinery Philippines Inc.	1
	Daikoku Electronics (Phils.), Inc.	1
	EHS Lens Philippines, Inc.	1
	EMD Technologies Philippines Inc.	2
	Fort Wayne Wire Die (Philippines), Inc	1
	Grandsun Advanced Electronics (Phils.) Co. Inc.	1
	Ibiden Philippines, Inc.	2
	J & J Philippines Corporation	2
	JMS Healthcare PHL., Inc.	2
	Kasai Advanced Mfg. Philippines Inc.	1
	Nippon Micrometal Corp. Phils.	1
	Philippine Manufacturing Company of Murata, Inc.	4
	SHI Manufacturing and Services (Phils.), Inc.	1
	Tann Philippines Inc.	1
	TE Connectivity Manufacturing Philippines Inc	1
	Tops Ocean Philippines Inc.	1
	Voion Packaging Philippines, Inc.	1
	Yamaichi Seiko Philippines Inc.	1
Total		70

Iloilo Leg, 09 May 2024		
Sector	Name of Organization	No. of Participants
Government	DOE	14
	PEZA	2
	ERC	2
	Iloilo Provincial Government	4
	NEDA VI	3
Distribution Utilities	ILECO I	2
	MORE Power	1
RE Supplier	ACEN Corporation	2
NGOs / Development Institutions	Institute for Climate & Sustainable Cities	2

	The Climate Reality Project PH	6
Academe	Guimaras State University	1
Hospitals	The Medical City Iloilo Hospital Inc.	2
	Healthway Qualimed Hospital Iloilo	1
Ecozone Locators / Businesses	Green Forum Panay Guimaras	3
	Daily Guardian	1
	AAPMI/ Enterprise One	1
	Ayala Land Malls, Inc.	1
	Apo Cement Corporation	2
	Asia Affinity Property Management, Inc. / International Corporate Plaza	1
	First Oceanic Property Management, Inc	2
	Iloilo Technohub	1
	Invictus Prime Holdings, Corp.	1
	JECODistributor Co., Inc.	2
	MREIT INC. - Richmond Tower	2
	One and Two Fintech Building Administration Inc.	1
	One Global Center	1
	Panay Energy Development Corporation	2
	Philippine Foremost Milling Corporation	1
	Philippine Information Agency 6	1
	Richmonde Hotel Iloilo	2
	Robinsons land Corporation	1
	San Miguel Foods Inc	1
	Seda Atria Hotel	1
	Sheridan Marketing Inc.	2
	SM City Iloilo	1
	Iloilo Business Club	1
	New Panay Agri Ventures Development Incorporated	2
	Panay Alternative Energy	3
	Three Technoplace Building Administration, Inc.	1
	I.C.D.C	1
	QHP Realty Corp.	1
Total		82