

PHILIPPINE ENERGY LABELING PROGRAM ANNUAL REPORT 2022

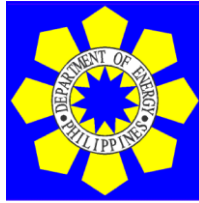
Prepared by:

DEPARTMENT OF ENERGY
**Energy Efficiency and Conservation Performance Regulation and
Enforcement Division
(EPRED)**

Reviewed and noted by:


**PATRICK T. AQUINO, CESO III
DIRECTOR, EUMB**





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PHILIPPINE ENERGY LABELING PROGRAM (PELP) IMPLEMENTATION

INTRODUCTION

The enactment of Republic Act No. 11285, otherwise known as the Energy Efficiency & Conservation (EEC) Act, provides for the institutionalization of energy efficiency and conservation as a national way of life and paved the way for the establishment of a framework for introducing and institutionalizing policies on EEC, including the promotion of efficient and judicious utilization of energy across all sectors.

Chapter V of the said Act provides for the implementation of energy performance and labeling requirements, which includes the development of minimum energy performance for products (MEPP) and enforcement of the mandatory energy labeling requirement for energy-consuming products (ECPs), through the PELP. These initiatives purposes to institutionalize energy efficiency through the regulation of energy consuming products being sold in the Philippine market, promote high efficiency in the manufacture and importation of ECPs and empower consumers in choosing energy efficient products at the point of sale. The regulation of ECPs is anticipated to significant contribute to the realization of energy savings, reduction of energy consumption by using energy efficient products and reduction GHG emissions that are harmful to the environment.

As the lead agency mandated to enact programs on energy performance and labeling requirements, the DOE, through the Energy Utilization Management Bureau – Energy Efficiency and Conservation Performance Regulation and Enforcement Division (EUMB-EPRED), has spearheaded the formulation and development of MEP for various ECPs, imposition of energy labeling requirements, creation and administration of the National Energy Efficiency and Conservation Database (NEECD), and enforcement of various EEC programs and initiatives.

The following activities, relative to energy performance and labeling requirements, have been accomplished:

A. REGULATORY FRAMEWORK

To provide support of the implementation of the PELP, regulatory frameworks have been put in place to address policy gaps and concerns relevant to the implementation of the PELP, provide guidance for compliance, and pave the way for the establishment of necessary support infrastructures.

In 2021, four (4) product Implementing Guidelines (IGs) that outline the Particular Product Requirements (PPR) and Code of Practice, specifically for air conditioners, refrigerating appliances, television sets and lighting products were issued. The IG specifically discussing the procedures on registration, enforcement, monitoring and verification, as well as compliance mechanisms for manufacturers, importers, distributors, dealers, and retailers of ECPs was also issued.

In 2022, to further strengthen the implementation of the PELP, a total of two (2) Department Circulars (DCs) and one additional IG were issued. These are as follows:

1. **Department Circular No. DC2022-03-0005**, also known as the "Guidelines for the Recognition of Testing Laboratories for the Examination, Testing and Verification of the Energy Efficiency of ECPs and the Fuel Efficiency of Transport Vehicles, including the Issuance of Certificate of Endorsement to the Board of Investments (BOI) for Fiscal Incentives" issued on 10 March 2022

The Department Circular provides the framework for the recognition of testing laboratories, which are essential in the verification activities under the PELP. In addition, to encourage the establishment of testing laboratories that are considered as necessary support infrastructures for the implementation of the PELP, the DOE also included guidelines for endorsement to the BOI that would assist companies, specifically those interested in putting up laboratories for energy performance testing of ECPs, to avail of BOI fiscal incentives. The said DC was issued on 10 March 2022, published on 24 March 2022 in Business World and Daily Tribune and became effective on 08 April 2022.

2. **IG for the Specification, Dimension, and Presentation of Energy Label under PELP.**

The IG for the Specification, Dimension and Presentation of Energy Labels under the PELP provides for the standardized design and presentation of the energy label. The said issuance also included the template for the starless energy label for ECPs that have yet to have a MEP requirement. The said IG was signed on 15 June 2022, published on 23 June 2022 in Business World and Daily Tribune and took effect on 08 July 2022.

3. **Department Circular No. 2022-11-0035** entitled "Expanding the Coverage of the Philippine Energy Labeling Program for the Compliance of Importers, Manufacturers, Distributors, Dealers and Retailers of ECPs" signed on 21 November 2022.

Under this Department Circular, the coverage of the PELP has been expanded to include Cleaning and Laundry Appliances, Cooking and Food Processing Appliances, Cooling, Heating and Ventilating Appliances, Grooming and Personal Care Equipment, Information and Communication Technology (ICT) Equipment, Lighting Products, and Renewable Energy Products. The said issuance was published on 01 December 2022 in Business World and Daily Tribune and became effective on 16 December 2022.

The DOE aims to further strengthen its regulatory framework for the implementation of the PELP. With the expansion of labeling coverage, priority is given to the development of the specific IG for every ECP that are to be included in the expanded scope of labeling. For 2023-2024, the development and issuance of the IGs for the labeling of electric fans, clothes washing machines, rice cookers and energy saving devices will be given precedence. Likewise, the existing IGs for Air Conditioners, Refrigerating Appliances, Television Sets and Lighting Products will be revisited to update the scope and other technical provisions.

In line with the start of the enforcement period, the IG for Registration, Enforcement, Monitoring, Verification and Compliance Mechanism (REMVCM) shall be updated to include additional details and guidelines to provide guidance and transparency during the conduct of monitoring and enforcement activities.

B. PELP REGISTRATION

In line with the implementation of Department Circular No. DC2020-06-0015, or the PELP Guidelines, all ECP manufacturers, importers and distributors are enjoined to register their products under the PELP to obtain an energy label. Registration process are as follows:

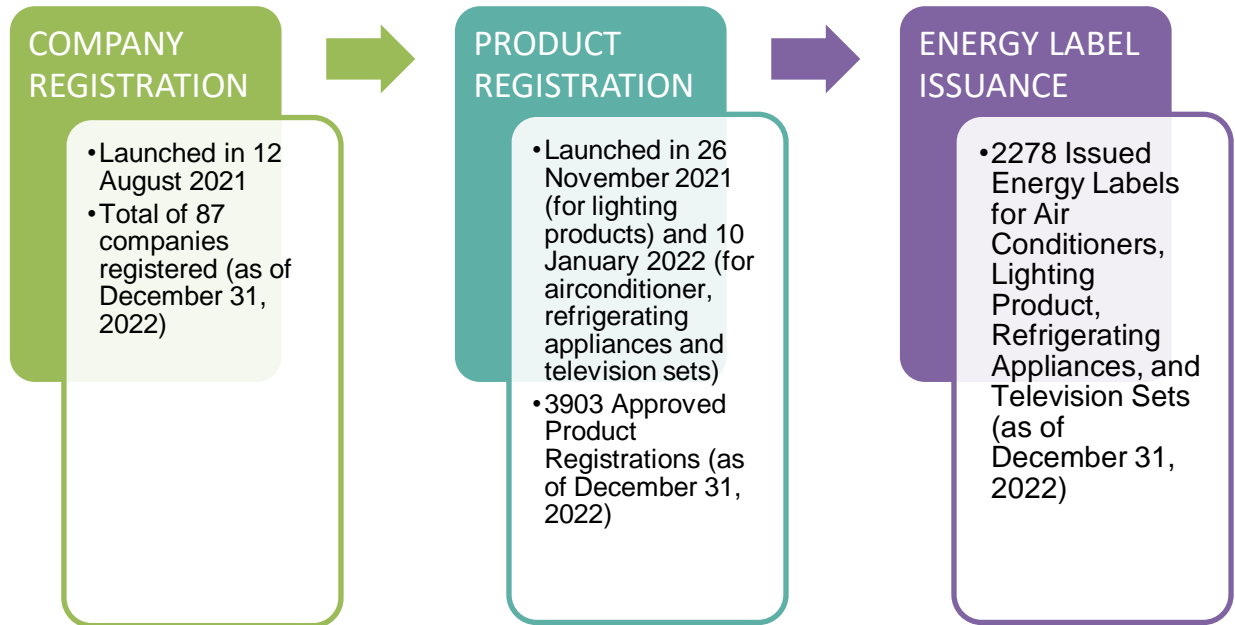


Fig. 1. PELP System Registration

To ease the registration process, submission of applications is accomplished online through the PELP System.

Since its launch on 12 August 2021, a total of 87 companies that manufacture, import and distribute ECPs has been evaluated and approved. From 28 companies in 2021, the PELP-registered companies doubled to 59 companies in 2022. The detailed list of PELP-registered companies may be found in Annex A.

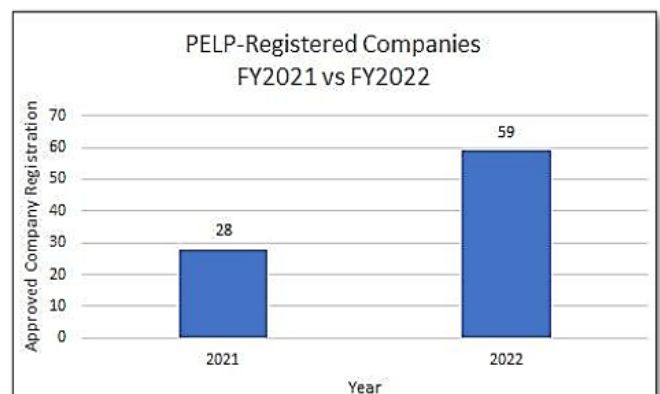
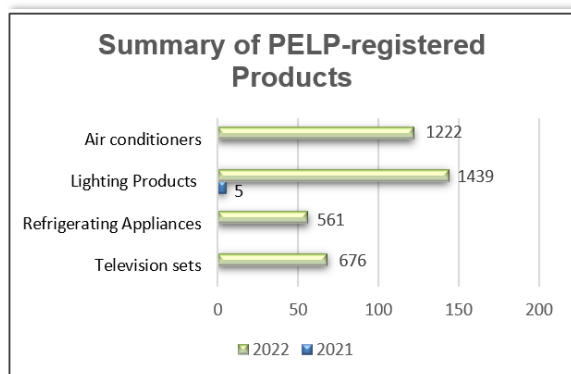


Fig. 2. PELP Company Registration for CY2021-2022

Meanwhile, PELP product registration began in the last quarter of 2021 (26 November 2021) while product registration for other ECPs (air conditioners,



refrigerating appliances and television sets) was launched on 10 January 2022. From the five (5) lighting products approved in 2021, PELP product registration rose to a total of 3,898 approved product models in 2022, comprised of 1,222 air conditioner models, 1,439 models of lighting products, 561 models of refrigerating appliances and 676 television sets.

Fig. 3. PELP Product Registration for CY2021-2022

A total of 2,278 energy labels has been issued in 2022 for 899 models of air conditioners, 622 lighting products, 382 models of refrigerating appliances, and 375 television sets.

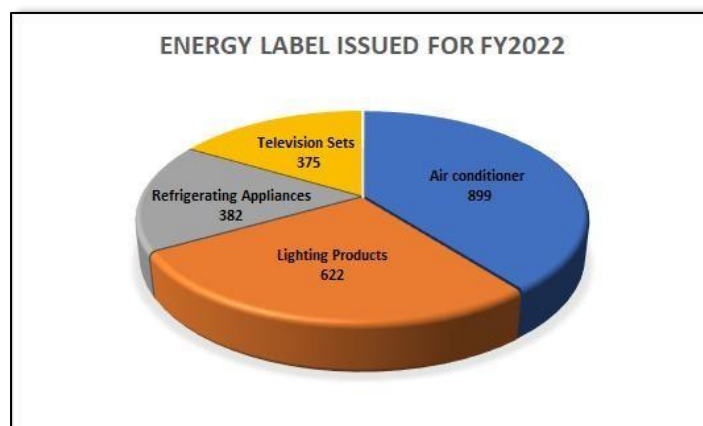


Fig. 4. Summary of Energy Labels issued per product type (for CY2022)

Table 1. Summary of PELP Registration from CY 2021-2022

TYPE OF ECPS	NO. OF APPLICATION	APPROVED PRODUCT REGISTRATION	ISSUED ENERGY LABEL
AIR-CONDITIONERS	1354	1222	899
LIGHTING PRODUCTS	1904	1444	622
REFRIGERATING APPLIANCES	649	561	382
TELEVISION SETS	716	676	375
TOTAL	4623	3903	2278

On the other hand, a total of 1,193 product models were given Certificates of Exemption. The Certificate of Exemption is granted only for product models that are already in the market prior to the implementation of the

PELP but are either below the prescribed MEP or have been discontinued/phased out by the manufacturer.

All registered companies will be prompted for the annual update of their business permits and product inventory reports, as well as the annual renewal of the issued energy labels for their registered product models.

With the expansion of scope of PELP, priority will be given to the labeling of electric fans, clothes washing machines and energy saving devices for 2023. In support of this, the PELP System will also be enhanced to accommodate the registration of these additional products, as well as currently covered ECPs with higher capacities. Moreover, DOE is working with the developer to include enhancements, such as the addition of the issuance of the Special Certificate for products with ongoing performance testing, and basic data processing features in the PELP System.

C. MONITORING ACTIVITY



Figure 5. Monitoring Activities conducted by EUMB-EPRED Monitoring Team

To determine compliance to PELP guidelines, the DOE shall conduct regular monitoring of PELP-covered ECPs present in the market. During monitoring, the presence of the issued energy labels will be checked, including the information indicated in the label, the QR link and its validity. As per the PELP IG, enforcement activities are set to commence by 2023, 12 months after the start of product registration of the covered ECPs.

Pre-market evaluation activities were done nationwide from May 2022 to November 2022 to collect baseline data on PELP compliance. A total of 31 ECP retail stores in NCR, Region 3, Region 4a, Region 4b, Region 5, Region VII and Region XI were visited to check for the presence of energy label in PELP-covered ECPs.

To prepare for the expansion of PELP coverage, the DOE Monitoring Team also collected data on other ECPs available in the market, including rice cookers, electric fans, clothes washing machines, electric irons, among others. The following is a summary of market monitoring activities in 2022.



Table 2. Summary of Retail Stores Monitored in CY 2022

Date	Location	Retail Stores/Outlets
25-26 May 2022	Subic, Zambales	Savers Appliance Center - SBMA
		Royal Duty Free
		ACE Hardware – SM Olongapo
		Abenson – Harbour Point
		Emilio S. Lim Appliances - Olongapo
		SM Appliance Center - Olongapo
5 August 2022	Pasay City	SM Appliance Center - MOA

		IKEA Philippines
12 August 2022	Taguig City	Abenson – Bonifacio Global City
		ACE Hardware – SM Aura Premier
12 September 2022	Caloocan City	FC Home Center Monumento
		Western Appliances Monumento
12-13 October 2022	Legaspi City	SM Appliance Center - Legaspi
		Willy & Sons Corporation
		Excellence Appliance Technologies
		Abenson Ayala Mall
17 October 2022	Lipa City	Imperial Appliances – Lipa
		Robinsons Appliances - Lipa
22-23 October 2022	Davao City	Wilcon Depot, Inc. – Matina Branch
		Davao Citihardware, Inc.
		DIMDI Center, Inc. – San Pedro
		EMCOR – Bajada
26-27 October 2022	Cebu City	EMCOR – Mandaue Cebu
		Asian Home Appliance – Mandaue
		Imperial Appliance Plaza – Mandaue
		Family Appliance – Park Mall Branch
16-17 November 2022	Palawan	Handyman Do It Best
		Robinsons Appliances
		Imperial Appliance Plaza
		ACE Hardware
		SM Appliance Center

D. RECOGNITION OF TESTING LABORATORIES

As part of the implementation of the PELP, recognized third-party testing laboratories are deemed essential to carry out energy performance testing of ECPs. These laboratory facilities will cater to the testing of product samples tagged during monitoring activities, including those subjected to challenge tests.

In line with the recognition of testing laboratories, several technical visits/tours of testing laboratories were conducted for familiarization on the testing protocols used for energy performance testing and to view the existing laboratory set up or facility in preparation for the actual assessment.

In 2022, a total of five (5) testing laboratories catering to PELP-covered ECPs were visited for initial assessment of capacity and capability:

- Omni Solid Services, Inc. - Parañaque City
- SPIA Product Conformity Audit Service Inc.- San Jose del Monte, Bulacan
- TUV Rheinland Philippines, Inc. - Makati City
- IIEE Foundation Inc. Testing Laboratory - UP, Diliman, Q.C.
- Duius Smart Technology Inc.- Quezon City

These testing laboratories were initially consulted based on their capability to conduct testing of ECPs, in line with the start of product sampling and verification.

At the end of 2022 there are two (2) applications for the Recognition of Testing Laboratories were received for purposes of Examination, Testing and Verification of

the Energy Performance of ECPs namely: Omni Solid Services Testing Laboratory and SPIA Testing Laboratory.

E. PUBLIC/ STAKEHOLDERS' CONSULTATION

In 2022, a series of consultative meetings were conducted with the members of the DOE Implementing Units regarding the two (2) drafted Department Circulars and one (1) Implementing Guideline released relative to PELP. Aside from internal collaboration, public consultations with the various stakeholders were also organized, both face-to-face and using online platforms, to discuss the salient points of the drafted policies and to address concerns and clarifications from the stakeholders.

Table 3. Summary of Public Consultations Conducted

Issuance	Activity	Date	Location
Expanding the Coverage of the Philippine Energy Labeling Program (PELP) for the Compliance of Importers, Manufacturers, Distributors, Dealers and Retailers of Energy Consuming Products (ECPs)	Consultative Meeting with the DOE Implementing Units	11 October 2022	Virtual via Zoom
	Public Consultation with Stakeholders	02 September 2022	Virtual via Zoom
Implementing Guidelines for the Specification, Dimension and Presentation of Energy Label under the Philippine Energy Labelling Program	Consultative Meeting with the DOE Implementing Units	25 April 2022	Virtual via Zoom
	Public Consultation with Stakeholders	02 September 2022	Virtual via Zoom

F. INFORMATION, EDUCATION AND COMMUNICATION CAMPAIGN

To create public awareness on the implementation of the PELP, series of Information, Education and Communication (IEC) activities are conducted nationwide. The conduct of the IEC activities aims to provide the participants with an overview of the PELP, provide understanding on the PELP Guidelines, particularly the registration process and monitoring activities, and familiarize them with the features of the PELP Energy Label.

Target participants to IEC activities include stakeholders from the industrial sector (i.e., manufacturers, importers, and distributors of energy-consuming products); commercial sector (i.e., representatives from appliance retail stores, dealership and commercial outlets); members of the academe (i.e., academic institutions and engineering practitioners); as well as the consumer sector (i.e., residential household consumers and students).

A total of eight (8) IEC activities were conducted in 2022, comprised of a series of IECs on PELP and an industry consultation relative to the implementation of the PELP. Participants to these activities include importers, manufacturers, and distributors of ECPs covered under PELP, appliance retail store representatives and DOE employees, all of which are instrumental in the implementation of the energy labeling program.

Table 4. Summary of IEC activities conducted in CY 2022

NO.	TITLE OF ACTIVITY	DATE	PARTICIPANTS
1	Industry Consultation Meeting with the industry sector	26 April 2022	PELP Compliance Representative or the PELP Assistant Compliance Representative of all registered company of the ECPs, government agency, testing laboratory and association of home appliance manufacturers in F1 Hotel, Taguig City
2	IEC on PELP for Retailers of ECPs	24 May 2022	Retailers of ECPs in Subic, Zambales
3	IEC on PELP for Retailers of ECPs	11 October 2022	Retailers of ECPs in Legazpi City
4	IEC on PELP for Retailers of ECPs	20 October 2022	Retailers of ECPs in Davao City
5	IEC on PELP for Retailers of ECPs	25 October 2022	Retailers of ECPs in Cebu City
6	IEC on PELP for Retailers of ECPs	15 November 2022	Retailers of ECPs in Puerto Princesa City
7	IEC on PELP for Retailers of ECPs	21 November 2022	Retailers of ECPs in BGC, Taguig
8	IEC on PELP for DOE Employees	7 December 2022	DOE Employees

ANNEX A
PELP Registered Companies CY 2021-2022

NO.	COMPANY NAME	DATE REGISTRATION
1	Yatai International Corporation	23 August 2021
2	Polycast Corporation	23 August 2021
3	Uni-Tech Phils. Industrial Machinery, Inc.	13 September 2021
4	Tosot Philippines Corporation	16 September 2021
5	Ikano (Philippines), Inc.	16 September 2021
6	Johnson Controls-Hitachi Air Conditioning Philippines, Inc.	26 September 2021
7	Sony Philippines Inc.	18 October 2021
8	Kolin Philippines International, Inc.	18 October 2021
9	Finden Technologies Inc.	18 October 2021
10	Trademaster Resources Corporation	19 October 2021
11	Beko Pilipinas Corporation	20 October 2021
12	Federalfortunes Builders Supply Corp.	22 October 2021
13	Daikin Airconditioning Philippines Inc.	27 October 2021
14	Panasonic Manufacturing Philippines Corporation - Household Appliances	27 October 2021
15	Decoarts Marketing Inc.	05 November 2021
16	Signify Philippines Inc.	10 November 2021
17	Concepcion Midea Inc.	19 November 2021
18	Firefly Electric and Lighting Corporation	22 November 2021
19	Lg Electronics Philippines, Inc.	01 December 2021
20	Skyworth (Philippines) Corporation	02 December 2021
21	Mondo Cucina, Inc.	03 December 2021
22	Concepcion Durables Inc	03 December 2021
23	Haier Electrical Appliances Philippines Inc.	07 December 2021
24	Samsung Electronics Philippines Corporation	13 December 2021
25	AHAM Corporation	20 December 2021
26	Concepcion Carrier Air Conditioning Company (CCAC)	20 December 2021
27	CH Meiling International Philippines Inc.	21 December 2021
28	Mulsons Trading Corporation	24 December 2021
29	Mit-Air, Inc	11 February 2022
30	International Elevator & Equipment Inc.	14 February 2022
31	Davao Citihardware Inc.	14 February 2022
32	Koppel, Inc.	17 February 2022
33	Sharp (Phils.) Corporation	11 March 2022
34	Eagle Electric Of The Philippines	14 March 2022
35	Electrolux Philippines Inc.	14 March 2022
36	Iodhome Inc.	14 March 2022
37	Gtc-Aldis Philippines Inc.	25 March 2022
38	Mechanical Unlimited Resources And Trading Corporation	25 March 2022
39	One Alpha Comm Inc.	01 April 2022
40	Greystone Asia Resources Inc	05 April 2022
41	China City International Trading Corporation	11 April 2022

42	Adnil Hardware Trading	12 April 2022
43	Ri-An Commercial Inc.	13 April 2022
44	Great Buys Home Depot, Inc.	27 April 2022
45	Digilab Trading Phils. Inc.	28 April 2022
46	Tcl Sun, Inc.	28 April 2022
47	Cya Industries, Inc.	29 April 2022
48	Fgm Corporation	06 May 2022
49	Excellence Appliance Technologies Inc.	06 May 2022
50	Citatus Transeo Trading Company	09 June 2022
51	Gim Trading	27 June 2022
52	St. Francis Square Department Store, Inc.	01 July 2022
53	Secondgen Traders Corporation	19 July 2022
54	G-8 Marketing, Inc.	01 August 2022
55	Akari Lighting & Technology Corp.	11 August 2022
56	Vcy Sales Corporation	18 August 2022
57	Cebu Oversea Hardware Co., Inc	22 August 2022
58	Teco (Philippines) 3c & Appliances, Inc.	06 September 2022
59	Fortune Buddies Corporation	09 September 2022
60	Eurolux Commercial Corporation	13 September 2022
61	Herco Trading Incorporated	28 September 2022
62	Delta Lighting Phils. Corp	07 October 2022
63	Suntouch Technology Corporation	10 October 2022
64	Cherenz Global Manufacturing Inc	21 October 2022
65	Robles Heritage, Inc.	07 November 2022
66	Kinoyama Trading Inc.	08 November 2022
67	Fumaco Inc	08 November 2022
68	Prime Smartech Appliances Corporation	15 November 2022
69	Ijk Apex Phil Corporation	22 November 2022
70	Baoneo Consumer Goods Trading	22 November 2022
71	Collins International Trading Corporation	24 November 2022
72	Centron Energy Savings Technology Corp.	24 November 2022
73	Magnificent8 Consumer Goods Wholesaling	25 November 2022
74	Panasonic Manufacturing Philippines Corporation	25 November 2022
75	Continental Sales Inc	28 November 2022
76	Rockford Marketing Corporation	29 November 2022
77	Ace Hardware Philippines, Inc.	01 December 2022
78	Mutual Success Lighting Fixture Inc	05 December 2022
79	Alvarico General Merchandise	05 December 2022
80	Sheridan Marketing, Inc.	09 December 2022
81	Lightforce Corporation	09 December 2022
82	Ichiban General Merchandise	13 December 2022
83	Linton Incorporated	16 December 2022
84	Dainan International, Inc.	22 December 2022
85	Ee Air Conditioning Supplies	23 December 2022
86	Panvin Int'l Corp.	29 December 2022
87	Advantix Marketing	29 December 2022