

Department Circular No. DC2020-06-0015

PELP Guidelines

Approved and signed
by Secretary Alfonso G. Cusi
on 15 June 2020

Prescribing the Guidelines of the Philippine Energy Labeling Program (PELP) for Compliance of Importers, Manufacturers, Distributors and Dealers of Electrical Appliances and other Energy-Consuming Products (ECP)

Implementing Guidelines



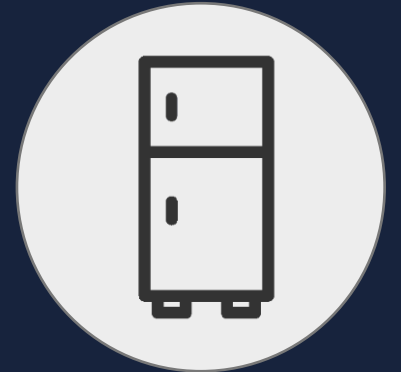
Air Conditioner



Lighting Products



Television Sets



Refrigerating Appliances



Registration, Enforcement,
Monitoring, Verification and
Compliance Mechanism



Contents



Particular Product Requirements



Code of Practice on Product Energy Labeling



Company Registration



Product Registration



Energy Label Issuance



Compliance Mechanism



Enforcement, Monitoring and Verification (EMV)

Appliance
CENTER

our name





Particular Product Requirements (PPR)

PPR for Lighting Products

Self-Ballasted Compact Fluorescent Lamps (CFL)



- ✓ with wattage of 3 - 60 watts, rated voltage of 100 V to 250 V, 60 Hz with Edison screw cap, particularly E14 and E27

Linear Fluorescent Lamp or Double Capped Fluorescent Lamps (DFL)



- ✓ with wattage of 10 - 65 watts (halophosphate)
- ✓ with wattage of 14 - 65 watts (Triphosphor)
- ✓ with wattage of 14 - 35 watts (Triphosphor T5)



PPR for Lighting Products

Single Capped Fluorescent Lamps (SFL) (Circular Fluorescent Lamp)



- ✓ with wattage of 14 - 40 watts, 230 V

Lamp Ballasts (BAL)



- ✓ Electromagnetic and electronic ballasts (up to two (2) lamps) for fluorescent lamps



PPR for Lighting Products

Light Emitting Diode (LED) Lamps



Non-directional LED*

- ✓ E27 and E14 base, voltage of 50 to 250 VAC operating at 50/60hz



Linear LED*

- ✓ double-capped linear LED lamps with (1) G5 and G13 caps or (2) caps, 230 volts operating at 50/60hz as listed in IEC 60838-2-3

*Minimum Rated Lamp Life \geq 15,000 hours



PPR for Lighting Products

Calculation Method:

Energy Efficiency Performance Rating (EEPR) or Star Rating

$$\text{Efficacy} = \text{Lighting Output} / \text{Power Input}$$

Where:

Efficacy refers to the ratio of light output to power (lamp power) in terms of lumen per watt. Efficacy must be in whole number rounded to the nearest ones computed from the claimed rating.

Lighting Output must be in whole number rounded to the nearest tens.

Power Input must be in whole number rounded to the nearest ones.

Registration form for Lighting Products

Type	<input type="checkbox"/> Magnetic <input type="checkbox"/> Electronic
Brand Name	
Model Number/Code	
Year Model	
Country of Origin	
Original Equipment Manufacturer	
Power Input (W)	
Ballast Efficacy Factor (BEF)	
Testing Facility Qualification (as applicable)	<input type="checkbox"/> Company-owned Lab <input type="checkbox"/> 3 rd Party Lab <input type="checkbox"/> ILAC / APLAC Signatory <input type="checkbox"/> MRA Signatory - please specify _____ <input type="checkbox"/> PAB Accredited <input type="checkbox"/> ISO 17025 Accredited <input type="checkbox"/> PS-Licensed (acceptable only within the first 12 months of the effectivity of the IG)
Other Parameters	

Type	<input type="checkbox"/> Compact Fluorescent Lamp (CFL) <input type="checkbox"/> Double-Capped Fluorescent Lamp (DFL or LFL) <input type="checkbox"/> Single-Capped Fluorescent Lamp (SFL) <input type="checkbox"/> Light Emitting Diode (LED) Lamps
Brand Name	
Model Number/Code	
Year Model	
Country of Origin	
Original Equipment Manufacturer	
Light Output (lm)	
Wattage (W)	
Efficacy (lm/W)	
Rated Lamp Life (h)	
Phosphor Coating	
Correlated Color Temperature (CCT)	
Color Rendering Index (CRI)	
Dimensions (mm)	
Supplier Frequency (Hz)	
Energy Efficiency Performance Rating (EEPR)	<input type="checkbox"/> ★ <input type="checkbox"/> ★★ <input type="checkbox"/> ★★★ <input type="checkbox"/> ★★★★ <input type="checkbox"/> ★★★★★
Testing Facility Qualification (as applicable)	<input type="checkbox"/> Company-owned Lab <input type="checkbox"/> 3 rd Party Lab <input type="checkbox"/> ILAC / APLAC Signatory <input type="checkbox"/> MRA Signatory - please specify _____ <input type="checkbox"/> PAB Accredited <input type="checkbox"/> ISO 17025 Accredited <input type="checkbox"/> PS-Licensed (acceptable only within the first 12 months of the effectivity of the IG)
Other Parameters	

PPR for Television Sets



Televisions

- ✓ Screen size up to 1,524 mm (60 inches) with tuner

Calculation Method:

Energy Efficiency Performance Rating (EEPR) or Star Rating

$$\text{Energy Efficiency Factor (EEF)} = \frac{\text{Viewing screen area or luminous area } m^2}{\text{Total energy consumption (kWh)}}$$

Where:

Luminous Area refers to the measured viewing screen area determined by the length multiply by width of the luminous area with white pattern video input signal. The unit express in m².



Registration form for Television Sets

Product	Television Sets
Particular Product	<input type="checkbox"/> Cathode-Ray Tube (CRT) <input type="checkbox"/> Liquid Crystal Display (LCD) <input type="checkbox"/> Light-Emitting Diode (LED) <input type="checkbox"/> Organic Light-Emitting Diode (OLED)
Brand Name	
Model Number/Code	
Year Model	
Country of Origin	
Original Equipment Manufacturer	
Is the product generic to a base model?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify base model: _____
Viewing Screen Size (inches)	
Viewing Screen Size (mm)	
Luminous Area (m ²)	
Energy Consumption (kWh)	
Energy Efficiency Factor (EEF)	
Power Input (W)	
Stand-by Power Rating (W)	
Energy Efficiency Performance Rating (EEPR)	<input type="checkbox"/> ★ <input type="checkbox"/> ★★ <input type="checkbox"/> ★★★ <input type="checkbox"/> ★★★★ <input type="checkbox"/> ★★★★★
Testing Facility Qualification (as applicable)	<input type="checkbox"/> Company-owned Lab <input type="checkbox"/> 3 rd Party Lab <input type="checkbox"/> ILAC / APLAC Signatory <input type="checkbox"/> MRA Signatory - please specify _____ <input type="checkbox"/> PAB Accredited <input type="checkbox"/> ISO 17025 Accredited <input type="checkbox"/> PS-Licensed (acceptable only within the first 12 months of the effectivity of the IG)
Other Parameters	

PPR for Air Conditioner



Air Conditioner

✓ ACU - Cooling capacity: up to 50,000 kJ/hr or 14kW

- Window-type
- Split-type
 - Wall-mounted
 - Floor-Standing type
 - Cassette-type
 - Ceiling-Suspended type

Calculation Method:

Energy Efficiency Performance Rating (EEPR) or Star Rating

CSPF =

Cooling Seasonal Total Load (kWh)

Cooling Seasonal Energy Consumption (kWh)

Where:

CSTL stands for Cooling Seasonal Total Load and is defined as the total annual amount of heat energy removed from the indoor air when the equipment is operated for cooling in active mode. The value of which must be converted and expressed in kilowatt-hour (kWh).

CSEC stands for Cooling Seasonal Energy Consumption and is defined as the total annual amount of electrical energy consumed by the equipment when it is operated for cooling in active mode and is expressed in kilowatt-hour (kWh).



Registration form for Air Conditioner

Product Registration Form – Air Conditioner

Product	Air Conditioner
Particular Product	<input type="checkbox"/> AC Variable (ACV) <input type="checkbox"/> AC Fixed (ACF)
Installation Type	<input type="checkbox"/> Window Type <input type="checkbox"/> Split Type - Wall Mounted <input type="checkbox"/> Split Type - Ceiling Cassette <input type="checkbox"/> Split Type - Ceiling Suspended <input type="checkbox"/> Split Type - Floor Mounted

Brand Name	
Model Number/Code	
Year Model	
Country of Origin	
Original Equipment Manufacturer (OEM)	
Is the product generic to a base model?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify base model: _____
Cooling Capacity (kW)	
Power Input (W)	
Cooling Seasonal Performance Factor (CSPF)	
Global Warming Potential (GWP) of Refrigerant	
General List of Refrigerants	<input type="checkbox"/> HCFC-123 <input type="checkbox"/> R-410A <input type="checkbox"/> R-134A <input type="checkbox"/> R-412A <input type="checkbox"/> R-23 <input type="checkbox"/> R-417A <input type="checkbox"/> R-290 <input type="checkbox"/> R-422A <input type="checkbox"/> R-32 <input type="checkbox"/> R-438A <input type="checkbox"/> R-404A <input type="checkbox"/> R-449A <input type="checkbox"/> R-407A <input type="checkbox"/> R-452A <input type="checkbox"/> R-407C <input type="checkbox"/> R-507 <input type="checkbox"/> R-407F <input type="checkbox"/> R-508 <input type="checkbox"/> R-408A <input type="checkbox"/> R-513A <input type="checkbox"/> R-409A <input type="checkbox"/> R-600A
Other refrigerants, please specify:	
Refrigerant Amount:	_____ <input type="checkbox"/> kg <input type="checkbox"/> L
Energy Efficiency Performance Rating	<input type="checkbox"/> ★ <input type="checkbox"/> ★★ <input type="checkbox"/> ★★★ <input type="checkbox"/> ★★★★ <input type="checkbox"/> ★★★★★
Testing Facility Qualification (as applicable)	<input type="checkbox"/> Company-owned Lab <input type="checkbox"/> 3 rd Party Lab <input type="checkbox"/> ILAC / APLAC Signatory <input type="checkbox"/> MRA Signatory - please specify _____ <input type="checkbox"/> PAB Accredited <input type="checkbox"/> ISO 17025 Accredited <input type="checkbox"/> PS-Licensed (acceptable only within the first 12 months of the effectivity of the IG)
Other Parameters:	

Note: Number of samples tested for product registration purposes will be up to the Applicant.
The validity of the test report shall be one (1) year.

PPR for Refrigerators



* **Refrigerators**

- ✓ Net volume capacity of 113 liters up to 600 liters

- Refrigerator
 - Manual Defrost
 - Frost Free
- Refrigerator-Freezer
 - Manual Defrost
 - Frost Free

Calculation Method:

Energy Efficiency Performance Rating (EEPR) or Star Rating

$$\text{Energy Efficiency Factor (EEF)} = \frac{\text{Total adjusted volume, in liters}}{\text{Energy consumption, in kWh/24h}}$$



*This covers vapor compression systems, both for inverter and non-inverter technology, built-in type refrigerating appliances and cellars. Freezers are not covered in the scope.

Registration form for Refrigerators

Product Registration Form – Refrigerating Appliances

Product	Refrigerating Appliances
Particular Product	<input type="checkbox"/> Ref Variable (RFV) <input type="checkbox"/> Ref Fixed (RFF)
Type	<input type="checkbox"/> Manual Defrost <input type="checkbox"/> Frost-Free <input type="checkbox"/> Refrigerator-Freezer
Brand Name	
Model Number / Code	
Year Model	
Country of Origin	
Original Equipment Manufacturer	
Is the product generic to a base model?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify base model: _____
Volume (L)	
No. of Doors	
Energy Consumption (kWh/24h)	
Energy Efficiency Factor (EEF)	
Global Warming Potential (GWP) of Refrigerant	
Coldness Star Rating	<input type="checkbox"/> ★ <input type="checkbox"/> ★★ <input type="checkbox"/> ★★★ <input type="checkbox"/> ★★★★
General List of Refrigerants	<input type="checkbox"/> HCFC-123 <input type="checkbox"/> R-410A <input type="checkbox"/> R-134A <input type="checkbox"/> R-412A <input type="checkbox"/> R-23 <input type="checkbox"/> R-417A <input type="checkbox"/> R-290 <input type="checkbox"/> R-422A <input type="checkbox"/> R-32 <input type="checkbox"/> R-438A <input type="checkbox"/> R-404A <input type="checkbox"/> R-449A <input type="checkbox"/> R-407A <input type="checkbox"/> R-452A <input type="checkbox"/> R-407C <input type="checkbox"/> R-507 <input type="checkbox"/> R-407F <input type="checkbox"/> R-508 <input type="checkbox"/> R-408A <input type="checkbox"/> R-513A <input type="checkbox"/> R-409A <input type="checkbox"/> R-600A
Other refrigerants, please specify:	
Refrigerant Amount:	_____ <input type="checkbox"/> kg <input type="checkbox"/> L

Energy Efficiency Performance Rating	<input type="checkbox"/> ★ <input type="checkbox"/> ★★ <input type="checkbox"/> ★★★ <input type="checkbox"/> ★★★★ <input type="checkbox"/> ★★★★★
Testing Facility Qualification (as applicable)	<input type="checkbox"/> Company-owned Lab <input type="checkbox"/> 3rd Party Lab <input type="checkbox"/> ILAC / APLAC Signatory <input type="checkbox"/> MRA Signatory - please specify _____ <input type="checkbox"/> PAB Accredited <input type="checkbox"/> ISO 17025 Accredited <input type="checkbox"/> PS-Licensed (acceptable only within the first 12 months of the effectivity of the IG)
Other Parameters	

Note: Number of samples tested for product registration purposes will be up to the Applicant. The validity of the test report shall be one (1) and a half year.



Code of Practice on Product Energy Labeling

Code of Practice on Product Energy Labeling

- ❑ Calculation methods for:
 - Estimation of Monthly Electricity (kWh) Consumption
 - Estimation of Monthly Electricity Bill Estimation of Monthly Consumption of Greenhouse Gas Emission



Code of Practice on Product Energy Labeling

- ❑ Estimation of Monthly kWh Electricity Consumption for Lighting products and Television Sets

Power Input x Daily Operating Hours x 30

for Refrigerators

Monthly kWh Consumption = Daily kWh x 30

Where:

Power Input is the determined electrical power required by the equipment to operate normally and is expressed in kilowatts (kW)

Operating Hours is the assumed length of time that the equipment is operated in a day and is expressed in hours.

Daily kWh is the measured energy consumption for 24 hours. This corresponds to the value reflected in the product test report during product registration.



Code of Practice on Product Energy Labeling

- ❑ Estimation of Monthly kWh Electricity Consumption for Air Conditioners

$$\text{Power Input} \times \text{Daily Operating Hours} \times 30 \times F$$

Where:

Power Input is the determined electrical power required by the equipment to operate normally and is expressed in kilowatts (kW).

Operating Hours is the assumed length of time that the equipment is operated in a day and is expressed in hours.

F is the assumed operating factor for the air conditioners. It is 0.8 for fixed-speed units (due to compressor cut in / off) and 0.5 for variable-speed units (due to speed adjustment / control).



Code of Practice on Product Energy Labeling

- ❑ Estimation of Monthly Electricity Bill

Monthly kWh Consumption x Electricity Price

Where:

Electricity Price is the prevailing peso per kWh as indicated in the electricity bill issued by an electric power distribution company



Code of Practice on Product Energy Labeling

- ❑ Estimation of Monthly GHG Emission

Monthly kWh Consumption x Emission Factor

Where:

Emission Factor is the Simple Operating Margin (OM) Emission Factor derived using the power grid statistic and is **available in the DOE Website.**

The calculated GHG emission shall be in kg of CO₂

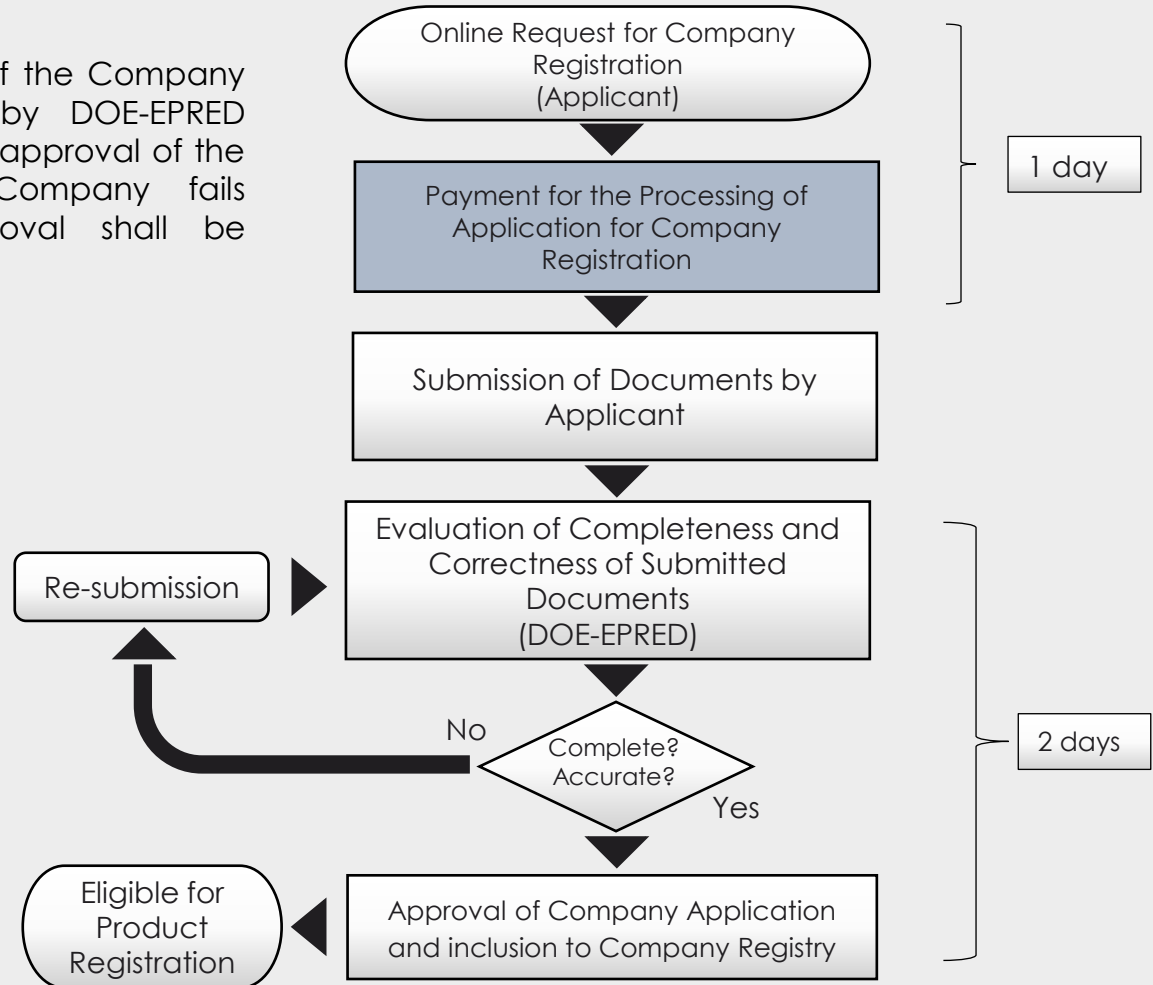




Company Registration

Company Registration

An on-site verification of the Company shall be conducted by DOE-EPRED within 30 days after the approval of the application. If the Company fails verification, the approval shall be revoked.



Submission of required documents (Appendices A, B, C , & D)

- ✓ **Appendix A:** Template for Application for Company Registration*
- ✓ **Appendix B:** Template for Undertaking to Abide the Terms and Conditions of PELP (Document to be attach)
- ✓ **Appendix C:** Template for Authorization of PELP Compliance Representative (Document to be attach)
- ✓ **Appendix D:** Template for Product Sales Inventory Report (Document to be attach)

*No need to manually submit/upload this document as it is already integrated in the required fields in the online system

Forms and Templates (Appendix A)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix A:

Application for Company Registration under the Philippine Energy Labeling Program for Energy Consuming Products

Note to Applicant: This document is confidential when completed. If corrective actions needed for this application remain unresolved for one (1) week upon submission, it will be considered void.

Date: _____

The Director
Energy Utilization Management Bureau

Department of Energy
Energy Center, Rizal Drive
Bonifacio Global City, Taguig
1632 Manila

Sir,

In accordance with the Philippine Energy Labeling Program (PELP) Guidelines, promulgated pursuant to Republic Act No. 11285, we hereby apply our business in the registry of importers/manufacturers/distributors under the PELP for Energy Consuming Products.

1. **Name of Applicant Company:** _____
2. **Office Address:** _____

3. **Office Telephone and Fax No.:** _____
4. **Office E-mail Address:** _____
5. **Factory Address (if applicable)** _____

6. **Tax Identification Number** _____ **Date of Issue:** _____
7. **Name of Company President / General Manager** _____
8. **Name of PELP Compliance Representative (PCR)** _____
9. **Designation of PCR** _____
10. **Telephone and Fax No. of PCR** _____
11. **Email address of PCR** _____

Page 1 of 2

Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City,
Taguig City, Philippines, 1632
Tel. No. (Trunkline) (632) 8479-2900
Website: <http://www.doe.gov.ph>; Email: doe.cumb@gmail.com



We hereby submit the required documents (in English Language) listed below to support our application for the Philippine Energy Labeling Program for Energy Consuming Products:

- a. Certified True Copy of Certificate of Business Name Registration (for sole proprietorship) or Certified True Copy of Certificate of Registration and Articles of Incorporation issued by the Securities and Exchange Commission (for corporation/partnership) or Certificate of Registration from Cooperative Development Authority (for cooperative);
- b. Certified True Copy of Partnership Agreement specifying the name of the Company's authorized representative/s issued by the Company President / General Manager / Board Secretary;
- c. Certified True Copy of Permit to Operate issued by the local government unit;
- d. Certified True Copy of Bureau of Internal Revenue Registration;
- e. Duly accomplished undertaking to abide the Terms and Conditions of PELP; and
- f. Letter of Authorization for PELP Compliance Representative

Furthermore, we hereby agree to abide by all the Terms and Conditions thereof and all other rules and regulations, including amendments thereto, prescribed in the PELP Guidelines.

Signature over Printed Name
President / General Manager

Subscribed and sworn to before me this _____ day of _____, 20____ affiant exhibiting to me his/her government-issued identification card no. _____ issued at _____ on _____.

Notary Public: _____

Doc No. _____

Page No. _____

Book No. _____

Series of _____

Note: If the applicant is a foreign entity, all documents submitted including this application shall be authenticated by the Philippine Embassy that covers the applicant.

Page 2 of 2

Forms and Templates (Appendix B)



Undertaking to Abide by the Terms and Conditions of the Philippine Energy Labeling Program

I, _____ of _____ with
Surname First Name MI Name of Company
 principal address at _____ is duly authorized by this company,
 and its Board of Directors / Partners through Board Resolution No. _____ dated
 _____ as attached herein, to hereby undertake to abide by the following terms and
 conditions of the Philippine Energy Labeling Program (PELP) for the importation / manufacture /
 distribution of _____.

1. We shall abide by the PELP Guidelines and orders which the EUMB issues in pursuant with its authority under the Law.
2. We shall ensure that our certified product/s conform/s, at all times, to specific performance requirements and shall be liable for any damage caused by the said product to its consumers, for this purpose, shall maintain to the satisfaction of existing Philippine laws and regulations on quality management system
3. We will declare all products, including product models/batch/series that are available in the market prior to PELP implementation and are qualified for exemption, in the initial product inventory report and register them accordingly in the PELP Registration System. We will ensure that no additional stocks of the exempted product model/batch/series will be produced, distributed or sold to retailers or consumers.
4. We shall display our PELP-covered products with the appropriate DOE Energy Labels.
5. We shall establish and maintain a system of addressing complaints filed by customers concerning the certified products and shall maintain records thereof. The minimum information required would be: a) product/s covered by the complaint, b) Nature of the complaint, c) Corrective action/s done, d) Place of purchase.
6. As part of the annual market verification, and whenever possible, samples of certified products shall be drawn from the market in coordination with our representatives. All expenses incurred during the drawing of samples from the market shall be shouldered by our company.
7. We shall inform DOE, in writing, of any change/s in management, legal status, identification file reference, authorization of compliance representative/s, number of the product, content related to energy labels (i.e., any change significantly affecting the product's performance and efficiency, business name, brand and/or other product literature, etc.) within thirty calendar (30) days after the effectivity of such changes. Also, we will submit the requirements that need to be updated yearly (i.e. Business Permit).
8. We shall pay the applicable fees and charges as billed or stipulated by DOE.



9. We shall comply with the PELP Guidelines on the use of Energy Labels
10. We adhere that any infraction of these Terms and Conditions shall constitute sufficient grounds for the institution of administrative sanctions and/or fines against our company, without prejudice to the penal provisions of the PELP Guidelines, Republic Act 11285 and the EEC-IRR.

Witnesseth my hand this _____ of _____ 20____ at _____

 Signature over Printed Name
 President / GM

Subscribed and sworn to before me this _____ day of _____, 20 ____ affiant exhibiting to me his/her government-issued identification card no. _____ issued at _____ on _____.

Doc No. _____
 Page No. _____
 Book No. _____
 Series of _____

Note: If the applicant is a foreign entity, all documents submitted including this application shall be authenticated by the Philippine Embassy that covers the applicant

Forms and Templates (Appendix C)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix C:

Authorization of PELP Compliance Representative (PCR) and PELP Assistant Compliance Representative (PACR)

(Company Logo)

(Date)

The Director

Energy Utilization Management Bureau
Department of Energy
Energy Center, Rizal Drive
Bonifacio Global City, Taguig City

Dear **Director**:

This is to authorize Mr./Ms. _____ (Name),
_____ (Designation), and Mr./Ms. _____ (Name),
_____ (Designation), as the Philippine Energy Labeling Program (PELP)
Compliance Representative (PCR) and PELP Assistant Compliance Representative
(PACR) for _____ (Company name).

As the PCR and PACR, they shall be authorized to register products under the PELP and to represent the company in matters related to PELP. Any data inputs made by the PCR/PACR relative to compliance with PELP, including payment, validation and coordination activities, shall be deemed authorized by the undersigned.

Thank you.

Sincerely,

(Signature)
(Name)
(President/CEO/General Manager)

Forms and Templates (Appendix D)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix D:

Product Sales Inventory Report

The Director

Energy Utilization Management Bureau
Department of Energy
Energy Center, Rizal Drive
Bonifacio Global City, Taguig
1632 Manila

Sir,

In accordance with the Philippine Energy Labeling Program (PELP) Guidelines, promulgated pursuant to Republic Act No. 11285, we hereby submit our inventory of sales within the period of _____ to _____*.

Name	Product		Year of Market Entry	Model No.	No. of Units Imported / Manufactured*	Batch Serial No.	DOE Control No.
	Country of Origin	OEM					
							PPP-CCCC-XXXXXX-MMY

Signature over Printed Name
President / General Manager / PCR / PACR

* For first time registration, product inventory shall cover a maximum span of 24 months (if applicable) and DOE Control Numbers are not required.

* For companies operating less than 24 months, product inventory shall cover products sold from start of marketing/operation up to month of registration.

* For companies who have not engaged in local trading of products prior to registration, indicate N/A in all fields.

* For the No. of units, please include all existing stocks, in transit and for order.

* Note to Applicant: This document shall be treated as confidential.

Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City,
Taguig City, Philippines, 1632
Tel. No. (Trunkline) (632) 8479-2900
Website: <http://www.doe.gov.ph>; Email: doe.eumb@gmail.com

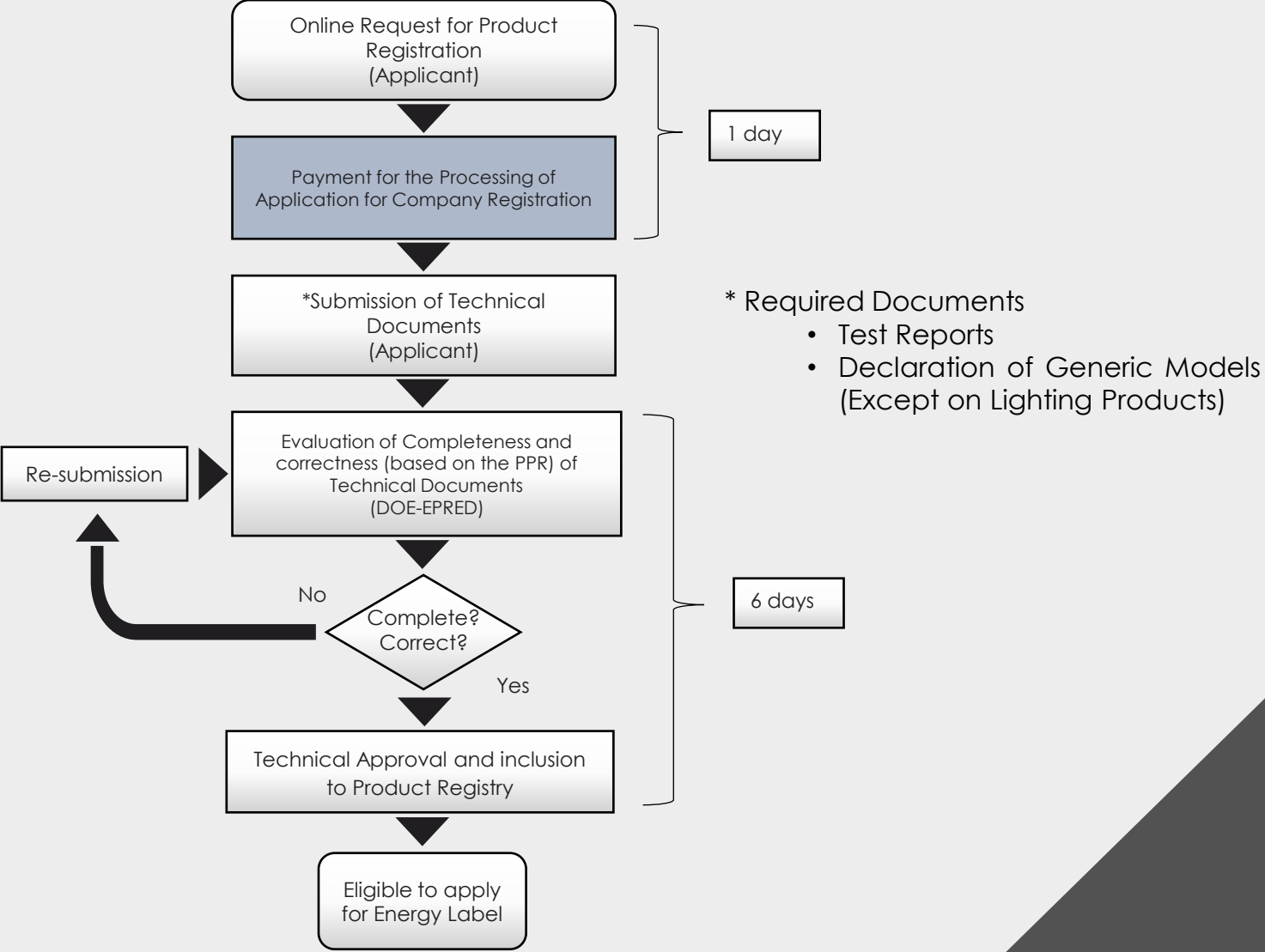


UKAS Certificate No. SCT/001/8570 (PAB Certificate No. SC/P000424)

- ★★★★★
- ★★★★★
- ★★★
- ★★
- ★

Product Registration

Product Registration



Product Registration

Test Reports issued by laboratories accredited by signatories to ILAC / APLAC (may be 3rd-party / Company-owned) or duly accredited and recognized by the PAB or if the Philippines is a signatory of the mutual recognition of those facilities internationally. Company-owned laboratories should be ISO 17025-accredited.

For the validity of test reports

- ✓ Aircon test reports shall be valid for one (1) year,
- ✓ Refrigerating Appliances test reports shall be valid for one and a half (1.5) years,
- ✓ Television test reports shall be valid for one (1) year,
- ✓ Lighting products test reports shall be valid for two (2) years.

Table 1: Activities during Aircon Product Registration

Activity	Days	Details
Request for Order of Payment	1	Applicant shall fill-out an online form, through a link in the DOE Website, to request an Order of Payment (OoP).
Payment for the processing of the application		DOE-EPRED shall issue an OoP to the applicant via e-mail. Applicant shall pay the corresponding amount indicated in the OoP to the DOE. Applicant shall provide the photocopy/electronic copy of the official receipt/confirmation receipt to DOE-EPRED. DOE-EPRED shall validate the payment through the DOE Treasury Division
Submission of documents to DOE-EPRED		Applicant shall submit online the following duly accomplished documents to DOE: <ul style="list-style-type: none"> • PELP IG Annex A. Form No. 3 (via online form) • Product Test Report <ul style="list-style-type: none"> > Test Report from a testing laboratory (Test Reports issued by laboratories accredited by signatories to ILAC / APLAC (may be 3rd-party / Company-owned) or duly accredited and recognized by the PAB or if the Philippines is a signatory of the mutual recognition of those facilities internationally. Company-owned laboratories should be ISO 17025-accredited) > Product Specification (with photos) > PELP IG Annex A. Form No. 3A (required attachment during product registration) > For the validity of test reports, Aircon test reports shall be valid for one (1) year.
Evaluation of completeness and correctness of submitted technical documents (DOE-EPRED)	6	DOE-EPRED staff shall evaluate the completeness and correctness (alignment with the PPR) of the submitted technical documents. In case of incomplete applications, the DOE-EPRED will notify applicant of the required document and/or data.
Approval and Inclusion (DOE-EPRED)		DOE-EPRED shall approve the Product Application and include it in the Product Registry.
DOE-EPRED informs applicant of the Approval		DOE-EPRED shall inform the applicant on the result of the evaluation.
Total No. of Days	7	



Forms and Templates (Appendix E)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix E:

Declaration of Generic Models

The Director

Energy Utilization Management Bureau
Department of Energy
Energy Center, Rizal Drive
Bonifacio Global City, Taguig
1632 Manila

Base Model	Generic Model	Product Type	Specifications

Signature over Printed Name
President / General Manager / PCR / PACR

Note to Applicant: This document shall be treated as confidential.

Product Registration – Request for Certificate of Exemption

In the event that the product being registered does not meet the Minimum Energy Performance (MEP) requirement for the issuance of Energy Label **provided that it is already in the market**, the applicant may request for a Certificate of Exemption. This can be requested through online while they register their product on the PELP online platform. Instead of Issuance of Energy label, the system will provide copy of the Certificate once the product has been evaluated and registered.

This certificate must be displayed at the point of sale.



Forms and Templates (Appendix F)



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



The Department of Energy (DOE)
through the Energy Utilization Management Bureau (EUMB)
hereby grants this

CERTIFICATE OF EXEMPTION

for

**(Brand name) – (Product
Name/Model No.)**

The said product did not meet the prescribed Minimum Energy Performance (MEP) set by the DOE for (product type). However, after assessment and evaluation of the DOE-EUMB, the said product was identified as already available in the market prior to the implementation of the Philippine Energy Labeling Program (PELP). As such, the particular product model/batch/series is hereby exempted from the PELP and may be sold without the DOE-issued Energy Label until existing inventory has been depleted.

For more information about this product, please scan this QR Code:



This certificate is issued this ___ day of _____ 202__.

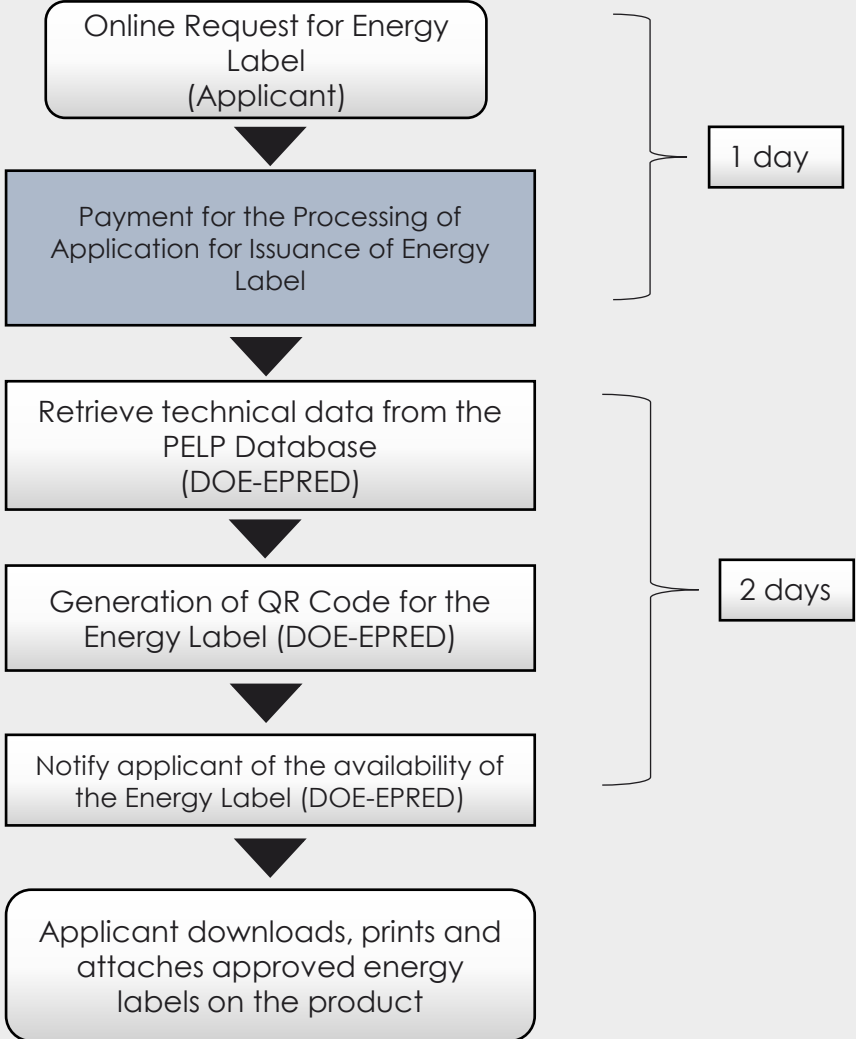
Signed at Taguig City, Metro Manila.

PATRICK T. AQUINO, CESO III
Director IV



Energy Label Issuance

Energy Label Issuance



Energy Labels

Validity: Energy label for a particular product model should be renewed every 12 months from the issuance date or if the product specification/claim has been updated.

ENERGY LABEL
Air Conditioner
 Energy Efficiency Rating:
4.01
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model: Refrigerant: Rxxxx (GWP xxx)
 Cooling Capacity (kW): Power Input (W):

"More stars and higher rating means more savings"
*based on 9-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY

Energy Label issued under Section 15 of Republic Act No. 11285. Non-compliance, removal, defacing, or altering of the Energy Label is a violation under Section 30 and will be subject to the fines, penalties and criminal liability under Sections 32 and 33 of Republic Act No. 11285.

ENERGY LABEL
Freezer
 Energy Efficiency Rating:
500
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model: Refrigerant: Rxxxx (GWP xxx)
 Freezing Capacity (kg/24hrs): Storage Volume (liters):

"More stars and higher rating means more savings"
*based on kWh/24 hrs x 30 days

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY

Energy Label issued under Section 15 of Republic Act No. 11285. Non-compliance, removal, defacing, or altering of the Energy Label is a violation under Section 30 and will be subject to the fines, penalties and criminal liability under Sections 32 and 33 of Republic Act No. 11285.

ENERGY LABEL
Television Set
 Energy Efficiency Rating:
10.1
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model: Screen Size: 32 inch (812.8mm)
 Power Input (W):

"More stars and higher rating means more savings"
*based on a 9-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY

Energy Label issued under Section 15 of Republic Act No. 11285. Non-compliance, removal, defacing, or altering of the Energy Label is a violation under Section 30 and will be subject to the fines, penalties and criminal liability under Sections 32 and 33 of Republic Act No. 11285.

ENERGY LABEL
Self-ballasted CFL
 Energy Efficiency Rating:
56
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model:
 Light Output (lm): Power Input (W):

"More stars and higher rating means more savings"
*based on 10-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY

Energy Label issued under Section 15 of Republic Act No. 11285. Non-compliance, removal, defacing, or altering of the Energy Label is a violation under Section 30 and will be subject to the fines, penalties and criminal liability under Sections 32 and 33 of Republic Act No. 11285.

ENERGY LABEL
Non-directional LED
 Energy Efficiency Rating:
130
 under test conditions



★★★★★


Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model:
 Light Output (lm): Power Input (W):

"More stars and higher rating means more savings"
*based on 10-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY



Energy Label issued under Section 15 of Republic Act No. 11285. Non-compliance, removal, defacing, or altering of the Energy Label is a violation under Section 30 and will be subject to the fines, penalties and criminal liability under Sections 32 and 33 of Republic Act No. 11285.

ENERGY GUIDE
Lamp Ballast
 Energy Efficiency Rating:
3.16
 under test conditions



Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model:
 Ballast Type:
 Power Input (W):

*based on 10-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY



ENERGY LABEL
Double-capped fluorescent lamp
 Energy Efficiency Rating:
59
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model:
 Light Output (lm): Power Input (W):

"More stars and higher rating means more savings"
*based on 10-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY

ENERGY LABEL
Linear LED
 Energy Efficiency Rating:
130
 under test conditions



★★★★★

Issuance Year of Energy Rating:
 Monthly Energy Consumption*:
 Brand Name:
 Product Model:
 Light Output (lm): Power Input (W):

"More stars and higher rating means more savings"
*based on 10-hour daily usage

For more information:
 
 www.doe.gov.ph CN: PPP-CCCC-XXXXXX-MMY



Compliance Mechanism

Compliance Mechanism

- ❑ PELP Advisory
- ❑ Guidelines for compliance



PELP Advisory

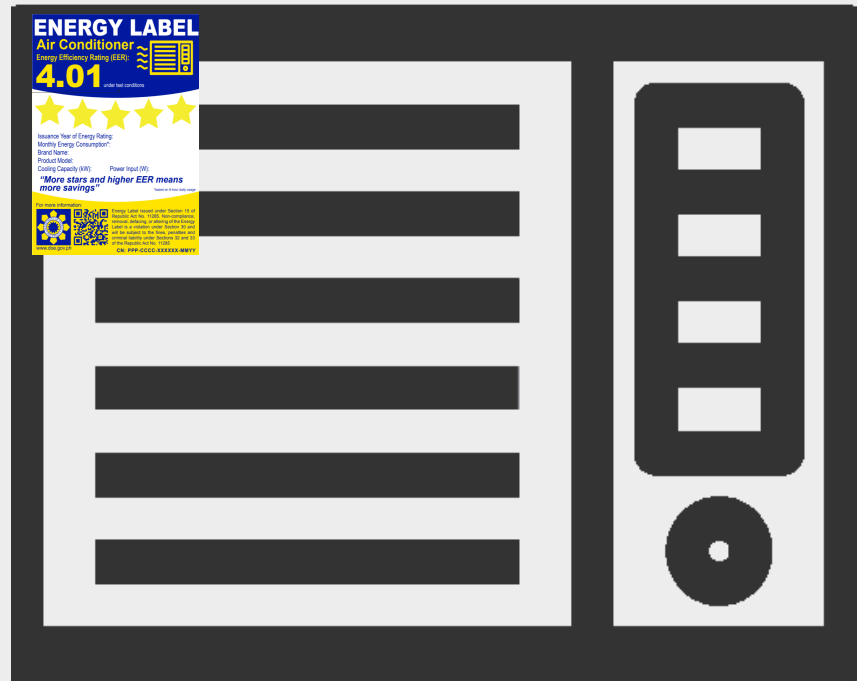
30-day Heads-up!



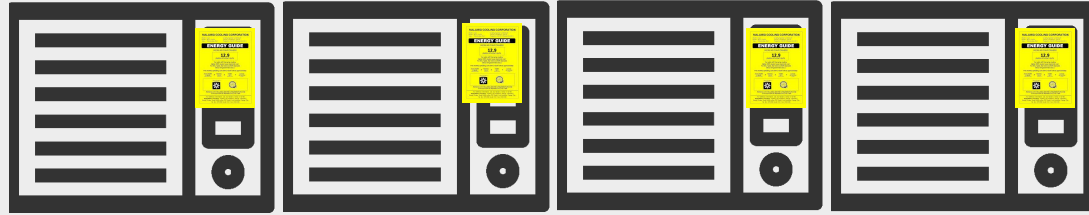
ANNOUNCEMENT



Manufacturers, Importers and Distributors Compliance on the Attachment of Energy Labels



Retailers and Online Sellers / Store: Compliance for the Display of Energy Labels



Airon Model 1000



Airon Model 2000



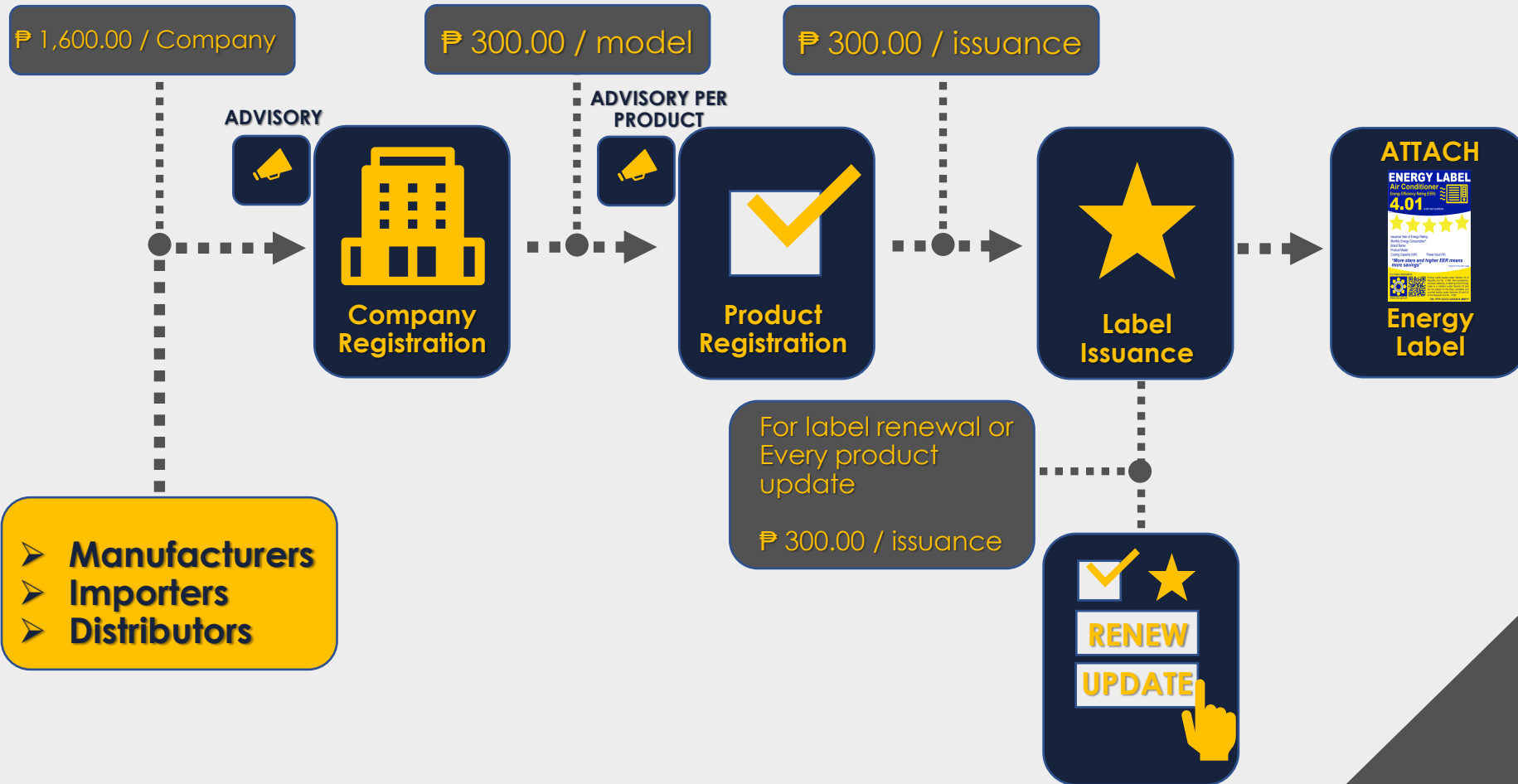
Or... through Online websites and apps,
Swatches, Posters, Flipcharts, Digital
display through Monitors, Kiosks and
others with a minimum display area size
of half an A4 on physical copies



Retailers and Online Sellers / Store: Compliance for the Display of Energy Labels for Online Selling



Manufacturers, Importers and Distributors Compliance for Registration Process



Company Registration Advisory Mechanism



Product Registration Advisory Mechanism

30-day Heads-up to register the product

- ✓ Product Registration
- ✓ Energy Label Issuance

Validity of Test Reports

Air conditioners:

12 Months

Refrigerating Appliances:

18 Months

Television units:

12 Months

Lighting products:

24 Months

Effectivity of IG

Launching of Particular Product Registration

Approval of IG

ADVISORY

Launching after



30 Days

REGISTER



Download



EMV after



12 Months



EMV

12-month Heads-up before the Enforcement, Monitoring and Verification (EMV) Activities for the Particular Product begins



Retailers and Online Sellers / Store: Compliance for Registered Product

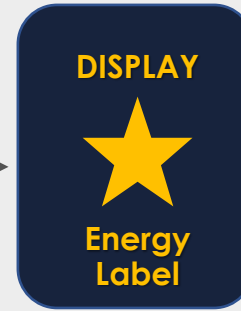
No need for Company Registration if the Product for sale has an Energy Label

- Retailers
- Online Sellers / Store

Make sure that every PELP-covered ECP sold at the store has its own energy label



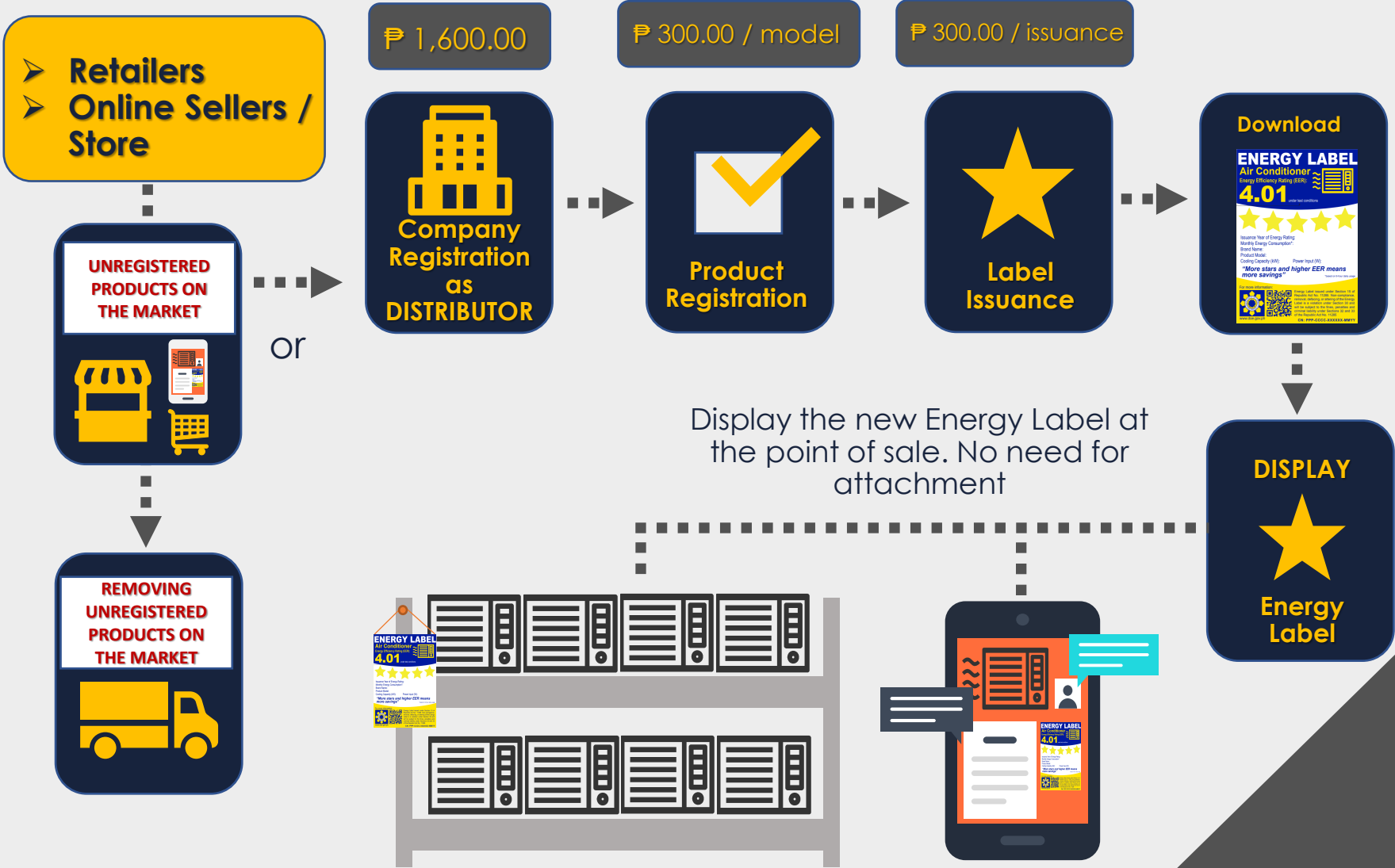
Display the new Energy Label at the point of sale



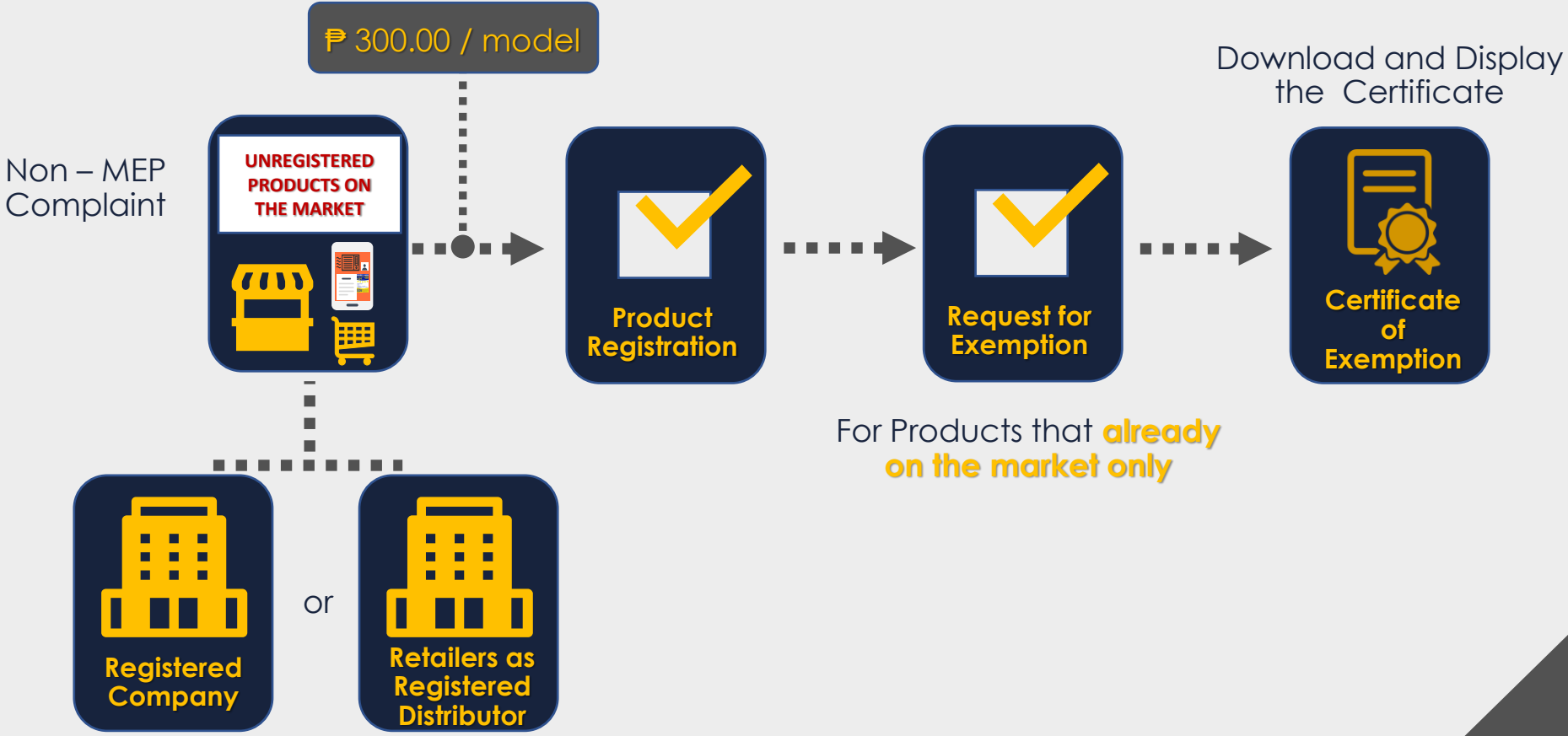
through Online websites and apps, Swatches, Posters, Flipcharts, Digital display through Monitors, Kiosks and others with a minimum display area size of half an A4 on physical copies



Compliance for Unregistered Product (MEP Compliant)



Compliance for Unregistered Product (MEP Non-compliant)



Manufacturers, Importers and Distributors Product with Old Energy Label

Existing Old Energy Label



Launching of Particular Product Registration

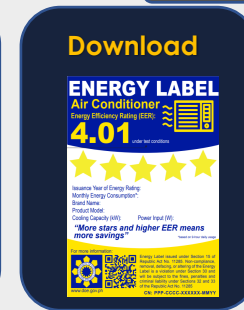


30-day Heads-up to register the product



- ✓ Company Registration
- ✓ Product Registration
- ✓ Energy Label Issuance

₱ 1,600.00
₱ 300.00 / model
₱ 300.00 / issuance



NO NEED FOR RE-ATTACHMENT

Provide visible poster/signage representation of the transition from “Old Label to the “New Label” at the point of sale

At least 1 display per Product Model



Coordinate with Retailers and Online Sellers for the Display of Energy Label



Manufacturers, Importers and Distributors Expired Energy Label

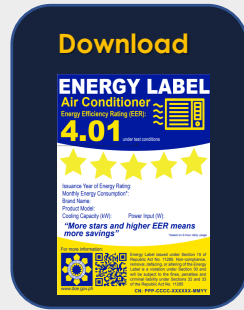
Issued and active but expired



✓ Renewal of Energy Label Issuance



Latest label ready for download



Attachment of label to new product stocks



₱ 300.00 / issuance



The QR code embedded in the issued Energy Label would show if the Energy Label is being updated/renewed



No need to re-attach the renewed label on products already in the market



Manufacturers, Importers and Distributors Updating Energy Label after EMV

Label information needs to be updated

✓ Update Product Registration and Request for Label Issuance

Updated label ready for download

Attachment of energy label to new product

coordinate with retailers and online sellers for re-attachment of the updated energy label



₱ 300.00 / issuance





Enforcement, Monitoring and Verification (EMV)

Enforcement, Monitoring and Verification (EMV)

□ Enforcement:

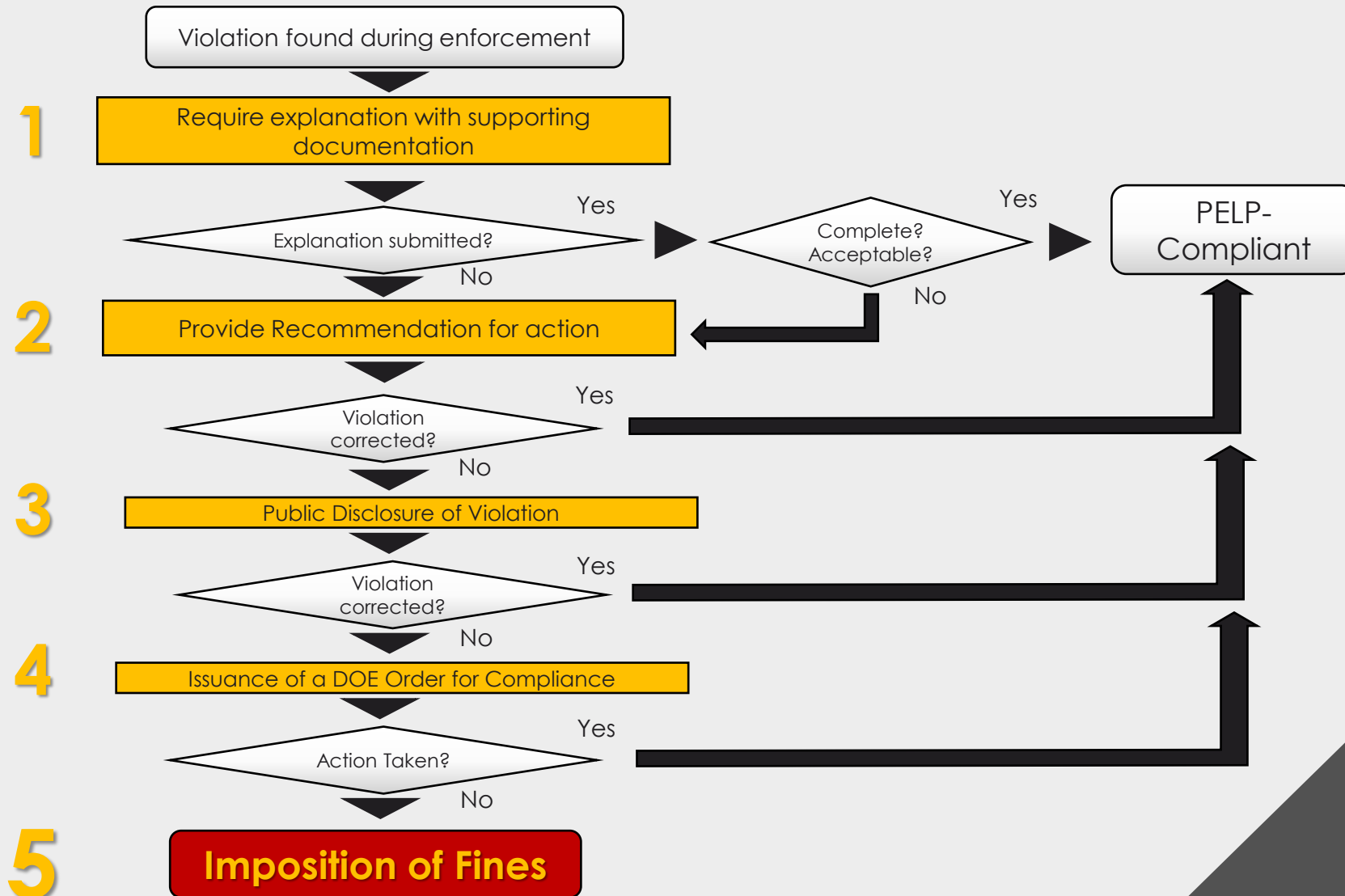
- Includes operations and on-site inspections wherein DOE detects possible or actual violations in complying with the provisions of PELP



Enforcement, Monitoring and Verification (EMV)

Violation	Penalties and Fines (in Php)		
	100,000	500,000	1,000,000
Selling of non-registered product			1 st offense
Removal, defacing, altering, absence of correct energy label of registered product	1 st offense	2 nd offense	3 rd offense
Failing to provide accurate information or provision of false or misleading energy information as required			1 st offense
Refusal to submit to on-site inspection	1 st offense		2 nd offense
Refusal to cooperate (drawing of product samples) during verification testing			1 st offense
Non-submission of annual reportorial requirements		1 st offense	2 nd offense

ENFORCEMENT PROCEDURES (Section 14 DC 2020-06-0015)



Enforcement, Monitoring and Verification (EMV)

□ Monitoring:

- Observation, checking and recording of compliance with the requirements of PELP
- Monitoring team: composed of personnel from the DOE-EUMB and/or its authorized representatives
- Frequency: at least once a year
- Monitoring will be conducted in coordination with the DTI-BPS



Enforcement, Monitoring and Verification (EMV)

□ Monitoring Check points:

- Presence of the energy label in the product or its packaging
- Display of the energy label in the area noticeable to consumers
- Presence of the enlarged copy of the Energy Label, exhibited in the product display at the retail store.
- Display of the energy label in advertisements, publications, brochures, online platforms, etc.
- Accuracy of information indicated in the displayed energy label



Enforcement, Monitoring and Verification (EMV)

□ Monitoring Check points:

- Validity of the energy label

In cases wherein an expired energy label is observed, the DOE Monitoring Team shall verify, using the online PELP system, whether the product model wherein the expired label is attached to has been issued with an energy label for the current year.

- a. If an updated energy label has already been issued to a product model, DOE shall request the retailer to coordinate with their supplier for the copy of the updated energy label and display it accordingly.
- b. If an updated energy label has not been issued to that product model, the DOE shall initiate enforcement measures.



Forms and Templates (Appendix F)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix F:

Market Monitoring Sheet for Air Conditioners

Region / Province: _____

Name of Store: _____

Address: _____

Date: _____

Brand Name: _____

Model Number: _____

Type: Window Split Inverter Non-Inverter

Energy Label: Yes No

Checklist

1. Is the label in the right place? Yes No

If "No", please specify where the label is located:

2. Are all the required information provided? Yes No

If "Yes", please provide the following information:

Star Rating: _____
Cooling Capacity: _____
Power Input: _____
Energy Consumption: _____
Energy Efficiency: _____
Refrigerant: _____
Control No: _____

3. Is the overall design (color and layout) in accordance with the requirements?

Yes No

If "No", please specify: _____

Remarks:

Prepared by:

Noted by:

Conformed by:

_DOE Staff

_Head of Team

Store Representative

Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City,
Taguig City, Philippines, 1632
Tel. No. (Trunkline) (632) 8479-2900
Website: <http://www.doe.gov.ph>, Email: doe.eumb@gmail.com



UKAS Certificate No. SCU0018570 / PAB Certificate No. SC.P0.00424Q

Forms and Templates (Appendix G)



Appendix G:

Market Monitoring Sheet for Refrigerating Appliances

Region / Province: _____

Name of Store: _____
Address: _____
Date: _____
Brand Name: _____
Model Number: _____

Type: Single-Door Two-Door/Direct Cooling Frost-Free Inverter Non-Inverter

Energy Label: Yes No

Checklist

1. Is the label in the right place? Yes No

If "No", please specify where the label is located:

2. Are all the required information provided? Yes No

If "Yes", please provide the following information:

Star Rating: _____
Refrigerant: _____
Energy Consumption: _____
Volume: _____
Energy Efficiency: _____
Freezing Capacity: _____
Control No: _____

3. Is the overall design (color and layout) in accordance with the requirements?

Yes No

If "No", please specify: _____

Remarks:

Prepared by: _____

Noted by: _____

Conformed by: _____

DOE Staff

Head of Team

Store Representative

Forms and Templates (Appendix H)



Republic of the Philippines
DEPARTMENT OF ENERGY
Energy Utilization Management Bureau



Appendix H:

Market Monitoring Sheet for Television Sets

Region / Province: _____

Name of Store: _____

Address: _____

Date: _____

Type of Product: CRT LCD-CCFL LCD-LED PLASMA OLED

Energy Label: Yes No

Checklist

1. Is the label in the right place? Yes No

If "No", please specify where the label is located:

2. Are all the required information provided? Yes No

If "Yes", please provide the following information:

Star Rating: _____
Power Input: _____
Energy Consumption: _____
Energy Efficiency: _____
Viewing Scree Size: _____
Control No: _____

3. Is the overall design (color and layout) in accordance with the requirements?

Yes No

If "No", please specify: _____

Remarks:

Prepared by: _____

Noted by: _____

Conformed by: _____

DOE Staff

Head of Team

Store Representative

Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City,
Taguig City, Philippines, 1632
Tel. No. (Trunkline) (632) 8479-2900
Website: <http://www.doe.gov.ph> Email: doe.eumb@gmail.com



UKAS Certificate No. SCUK018570 / PAB Certificate No. SCTR001240

Forms and Templates (Appendix J)



Appendix J:

ACKNOWLEDGEMENT OF DRAWN SAMPLES

In accordance with the Philippine Energy Labeling Program (PELP) Guidelines, promulgated pursuant to Republic Act No. 11285, we hereby acknowledge the authority of the Department of Energy and its representatives to draw the products listed below for the purpose of Verification Testing under the said program. The samples drawn shall be replaced.

The DOE Representatives shall be in proper DOE Field Uniforms and shall present their IDs to the retailer prior to the conduct of product sampling.

Note: Replacement of drawn products shall be coordinated by the brand owner to the retailer

Product Type	Brand

Date of Issuance: _____
Note: This document is valid within 2 weeks from the date of issuance

Sampling Location: _____
Authorized by: _____
(Signature over Printed Name)
Position: _____
Contact Details: _____

TO BE FILLED-UP DURING SAMPLING ACTIVITY

Actual Samples Drawn:

Type	Model No.	Brand	Quantity	DOE Control No.

Date of Sampling: _____

Members of DOE Monitoring Team: _____

Store / Retailer Representative: _____
(Signature over Printed Name)

Enforcement, Monitoring and Verification (EMV)

□ Verification:

- Validation of claimed efficiency rating of a particular ECP
- Sampling method: Random sampling of product/models per specific brand following a risk-based sampling procedure
- Frequency: at least once a year
- Testing: DOE-LATD or DOE-recognized testing laboratory (guidelines for recognition to be issued)



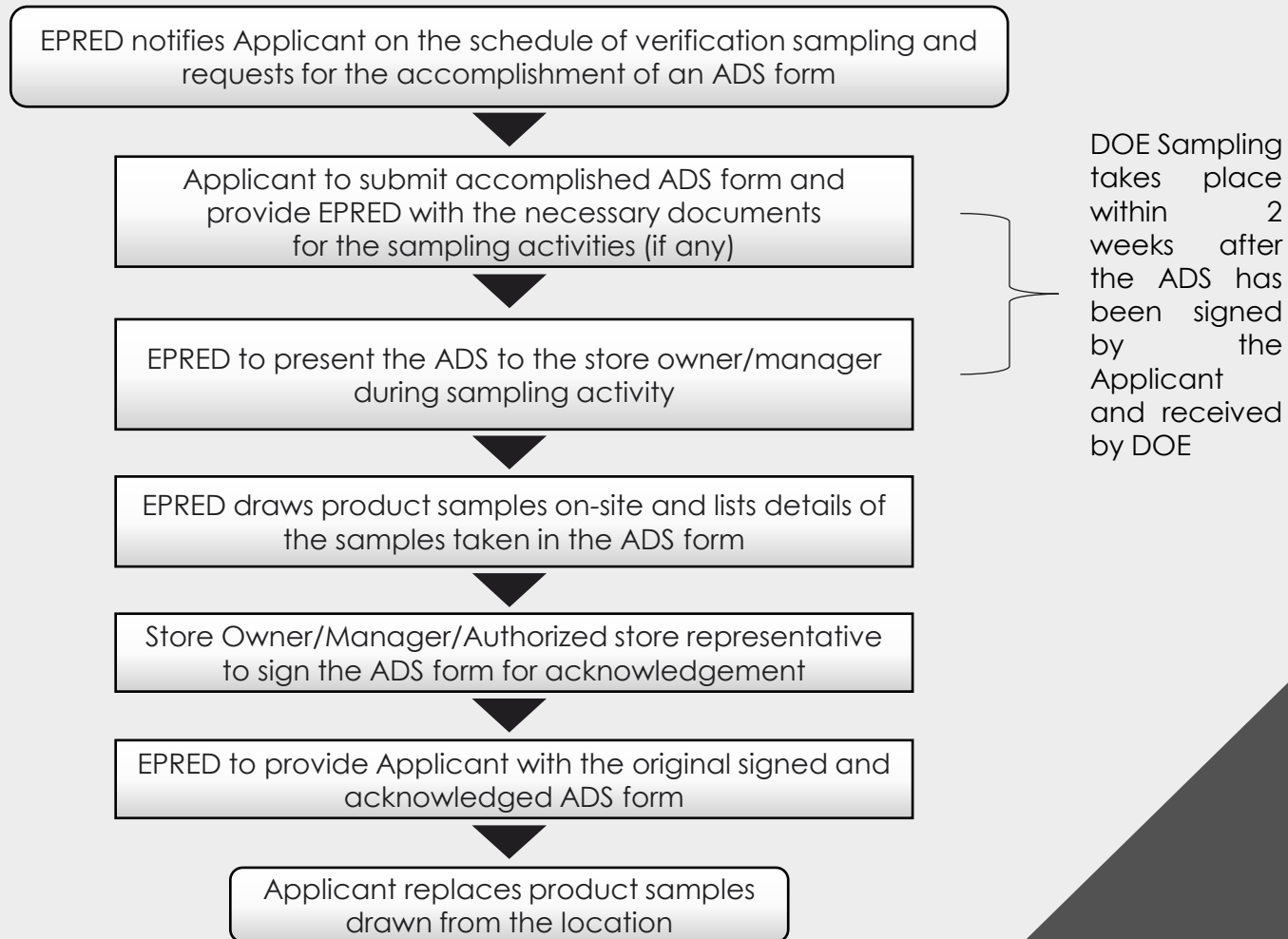
Enforcement, Monitoring and Verification (EMV)

- ❑ Collection of products for verification testing:
 - Samples shall be drawn from the retail stores or the Applicant's warehouse.
 - The number of samples to be collected shall be in accordance with the testing methodology in the PPR of products.
 - Samples may be drawn from different retail stores, as may be necessary.
 - For products with generic models, the team shall have the prerogative to draw samples for verification testing of either the base model or the generic model declared by the Applicant.



Verification: Drawing of Samples

Drawing of Samples Process Flow:



Effectivity



This IG shall take effect fifteen (15) days following its publication in at least two (2) newspapers of general circulation or the Official Gazette. Copies of this IG shall be filed with the University of the Philippines Law Center – Office of the National Administrative Register

Frequently Asked Questions

- **Who are required to apply for PELP Company Registration?**
 - All manufacturers, importers and distributors of ECPs are required to apply for Company Registration.
- **Are online sellers required to register under the PELP?**
 - No, only those who will directly import products for selling shall be required to register.
- **What products can be registered under the PELP?**
 - Air conditioners, refrigerating appliances, television sets and lighting products.
- **Do we have to register products that are already in the market?**
 - Yes. If it is active in the market, then the product should be registered under the PELP.
- **Now that we have the new energy label, what will happen to products that have already been issued with the old yellow labels? Can we still sell them?**
 - Yes, these products can still be sold as long as they are registered under the PELP.

Frequently Asked Questions

- **What do we do with the old energy labels (yellow label)? Do we have to remove and replace them with the new energy labels?**
 - If products have been issued with a yellow label, there is no need to remove them. However, a printed display of the old label and the corresponding new energy label issued should be present at the store near the product for easy referencing.
- **For products sold online, do they need to have energy labels?**
 - Yes, all products intended for local sale must have energy labels.
- **What will be checked during monitoring activities?**
 - During monitoring, the team will check the label (presence, information and validity), its use in publications and advertisements, and the presence of the energy label display at the store
- **What will happen if the energy label is found to be expired during monitoring?**
 - The team will verify if the product is registered and the information in the label is still accurate.

Frequently Asked Questions

- **What happens when information in the labels were found to be incorrect?**
 - DOE shall initiate enforcement measures indicated in Section 14 of the PELP DC.
- **What will happen to products drawn during verification activities?**
 - Products drawn will be tested at the DOE-LATD or any recognized laboratory. Samples drawn from the retail stores shall be replaced by the suppliers (as indicated in the signed ADS)
- **Where can consumers access data about the product aside from those written in the label?**
 - The energy label contains a QR code that will link the consumer to the product's information page.
- **When can we register our product?**
 - DOE will announce through its website when the portal will be ready to accept applications for specific products.

Thank you



Contact us.



doe.eumb@gmail.com
eumb.epred@doe.gov.ph



<https://doe.gov.ph>



(02) 8-479-2900 Loc 272
(02) 8-840-2243