



IMPLEMENTING GUIDELINES OF THE PHILIPPINE ENERGY LABELING PROGRAM FOR TELEVISIONS

Pursuant to Section 9 of Department Circular No. 2020-06-0015, entitled “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)”, the following guidelines for Air Conditioners are hereby issued for the information and guidance of all concerned and for compliance by all manufacturers, importers, distributors, dealers and other key stakeholders.

Furthermore, this Implementing Guidelines shall include the Particular Product Requirements (PPR) for Televisions, as well as its Code of Practice (COPE), and shall be known as the “TV IG”.

1. Particular Product Requirement for Televisions. The attached PELP Annex D.3: PPR for Televisions provides the requirements for Televisions and other relevant information, which include the following:

- i. Scope
- ii. Definition of Terms
- iii. Normative References
- iv. Sampling Method for Verification Testing
- v. Specific Guidelines for the Conduct of Verification Testing
- vi. Inspection of Generic Models
- vii. Monitoring
- viii. Minimum Energy Performance
- ix. Tolerances
- x. Energy Efficiency Performance Rating of Television Sets
- xi. Specification and Dimensions of the Energy Label
- xii. Presentation of Energy Label
- xiii. Correction of Performance Ratings
- xiv. Validity of Energy Label
- xv. Information in the Label

2. Code of Practice on Energy Labeling of Products. Pursuant to Section 15 of the EEC Act, the Code of Practice on Energy Labeling of Products (COPE) provides for the calculation methods of the following:

2.1 The Television Energy Efficiency Performance Rating (EEPR) or the star rating shown in the DOE Energy Label is based on the **Energy Efficiency Factor (EEF)**, which is calculated as follows:

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

For the actual EEPR or Star-Rating equivalent, please refer to the attached PPR (Annex D.3).

The EEPR reflected on the DOE Energy Label shall correspond to the EEF value shown in the product test report during product registration. The EEPR shall be adjusted accordingly (as needed) once the product has undergone verification testing.

- 2.2 For the estimation of **monthly energy kWh consumption** (based on a specified hour of daily usage), as shown in the DOE Energy Label, the calculation is as follows:

$$\text{Monthly kWh Consumption} = \text{Power Input} \times \text{Daily Operating Hours} \times 30$$

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. With regards to the DOE Energy Label, this parameter is assumed to be 9 hours.

- 2.3 For the estimation of **monthly electricity cost**, the calculation is as follows:

$$\text{Monthly Electricity Cost} = \text{Monthly kWh Consumption} \times \text{Electricity Price}$$

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

- 2.4 For the estimation of **monthly Greenhouse Gas (GHG) emission** due to monthly electricity consumption, the calculation is as follows:

$$\text{Monthly GHG emission} = \text{Monthly kWh Consumption} \times 0.512$$

The unit of the calculated GHG emission shall be in kg of CO₂.

3. Submission of Documents. All applicants are required to submit reportorial documents, necessary for Company Registration and Product Registration prior to the issuance of DOE Energy Labels. The forms, indicated in PELP IG Annex A, are as follows:

- PELP Form No. 1: Application for Company Registration under the Philippine Energy Labeling Program for Energy Consuming Products
- PELP Form No. 2: Undertaking to Abide by the Terms and Conditions of the Philippine Energy Labeling Program
- PELP Form No. 3: Application of Particular Product Registration under the Philippine Energy Labeling Program for Energy Consuming Products
- PELP Form No. 4: Product Sales Inventory Report

4. Application Procedures for Compliance to PELP. All manufacturers, importers and distributors of televisions shall observe the following application procedures stated in PELP IG Annex B and be subject to the following fees:

- 4.1 Company Registration amounting to PhP 1,600.00 per company
- 4.2 Product Registration amounting to PhP 300.00 per product model
- 4.3 Energy Label Issuance amounting to PhP 300.00 per issuance
- 4.4 Recognition of Testing Laboratories amounting to PhP 15,000.00 per testing facility

5. Enforcement, Monitoring and Verification. The DOE, through the EUMB, shall conduct enforcement, monitoring and verification activities in relation to PELP. The detailed procedures of which shall be specified in PELP IG Annex C: Guidelines for the Enforcement, Monitoring and Enforcement (EMV) of PELP.

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

Issued at Energy Center, Bonifacio Global City, Taguig City.

Approved by:

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