

Vehicle Fuel Economy

Philippines

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ENERGY UTILIZATION MANAGEMENT BUREAU



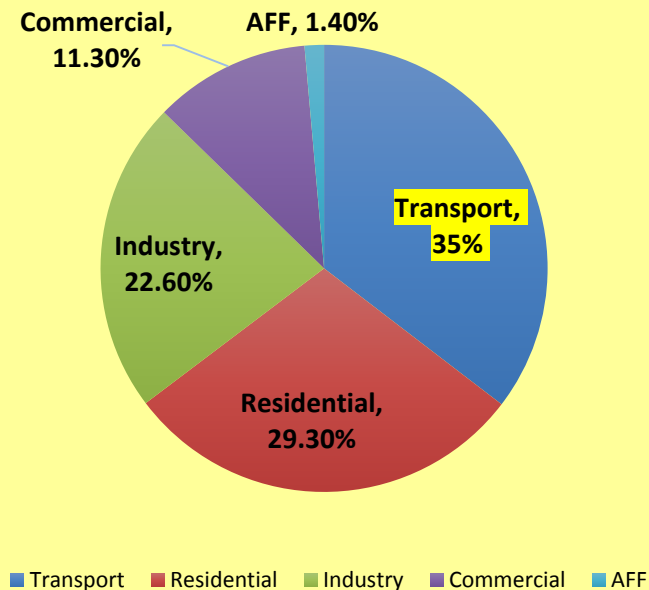
Energy Consumption Demand by Sector

2016 Final Energy Consumption

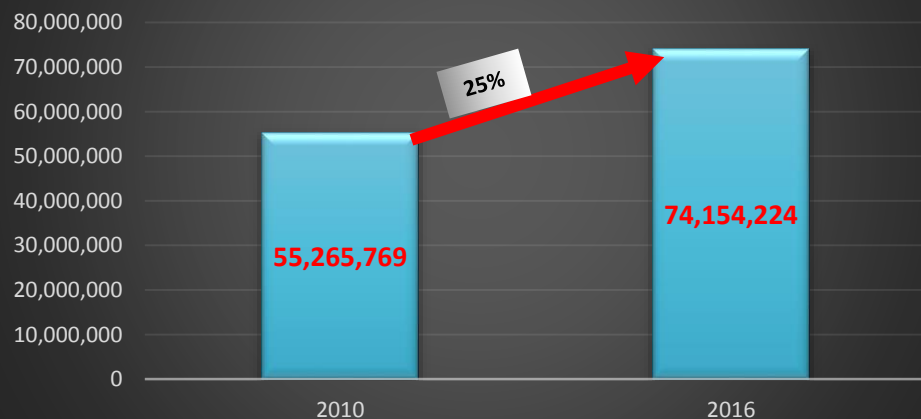
Sector	MTOE
TRANSPORT	10.6
RESIDENTIAL	8.7
INDUSTRY	6.8
COMMERCIAL	3.4
AFF	0.4
Total	29.8

*MTOE- Million Metric Ton of Oil Equivalent
Ref. DOE –PEP 2015 Update

2016 Final Energy Consumption (% Share)



Philippines: Electricity Sales (MWh)



Road Transport Vehicles

Road Transport Vehicles	Philippines (No. of Units)
Cars/UV/SUV	2,722,211
Public Transport	264,727
Motorcycle /Motorized Tricycle	4,250,667
Others (Trucks, Trailers...)	398,590

Ref: DOTr, 2012 Figures



Strategic Directions 2017 – 2040

1 ENSURE ENERGY SECURITY	2 EXPAND ENERGY ACCESS	3 PROMOTE A LOW CARBON FUTURE	4 STRENGTHEN COLLABORATION AMONG ALL GOVERNMENT AGENCIES INVOLVED IN ENERGY
5 IMPLEMENT, MONITOR AND INTEGRATE SECTORAL AND TECHNOLOGICAL ROADMAPS AND ACTION PLANS	6 ADVOCATE THE PASSAGE OF THE DEPARTMENT'S LEGISLATIVE AGENDA	7 STRENGTHEN CONSUMER WELFARE AND PROTECTION	8 FOSTER STRONGER INTERNATIONAL RELATIONS AND PARTNERSHIPS

Nine-Point Energy Agenda

DOE's Nine-Point Energy Agenda	 FACILITATING THE COMPLETION OF TRANSMISSION PROJECTS BY 2020
 ACCESS TO BASIC ELECTRICITY FOR ALL FILIPINOS BY 2020	 PRO-CONSUMER DISTRIBUTION FRAMEWORK FOR AFFORDABILITY, CHOICE AND TRANSPARENCY
 ADOPTING A TECHNOLOGY NEUTRAL APPROACH FOR AN OPTIMAL ENERGY MIX	 STREAMLINING DOMESTIC POLICY TO CUT RED TAPE
 IMPROVING THE SUPPLY OF POWER THAT IS RELIABLE, TO MEET DEMAND NEEDS BY 2040	 DOE TO DELIVER ON PSALM PRIVATIZATION
 DEVELOPING LNG NEEDS FOR THE FUTURE IN ANTICIPATION OF THE MALAMPAYA DEPLETION	 PROMOTING EFFICIENT USE OF POWER AMONG CONSUMERS THROUGH AN IEC





DC 2016-04-0005

Declaring the compliance of importers, manufacturers, distributors and dealers of electrical appliances and other **energy-consuming products** with the **Philippine Energy Standards and Labeling Program (PESLP)** as a policy of the government



Purposes of Vehicle Fuel Economy Label

- Improve Consumer information disclosure
- Improve recognition of clean and efficient vehicles
- Reduce petroleum consumption and improve energy security
- Improve vehicle fleet economy
- Reduce CO₂ emissions from vehicles
- Push market uptake of clean and efficient vehicles



Motor Vehicles Covered by Vehicle Labels

- All new vehicles
- Classified as M1 and N1 vehicles
- Powered by an internal combustion engine (ICE) or hybrid vehicles

Hybrid diesel and gasoline

M1 type Vehicles – used for carriage of passengers and comprising not more than eight seats, in addition to the driver's seat

N1 type Vehicles – used for carriage of goods and having a maximum mass not exceeding 3.5 tons



IMPLEMENTING GUIDELINES

• Clauses

1. PURPOSE
2. SCOPE AND APPLICATION
3. DEFINITION OF TERMS
4. TECHNICAL WORKING GROUPS (TWGs)
5. MANDATORY COMPLIANCE WITH THE PESLP REQUIREMENTS
6. IMPLEMENTING UNITS AND THEIR FUNCTIONS
7. RESPONSIBILITIES OF CUSTOMERS
8. APPLICATION PROCEDURE FOR COMPLIANCE TO PESLP
9. PROCEDURE FOR THE EVALUATION OF TECHNICAL DOCUMENTS
10. VALIDATION OF ENERGY LABEL
11. REPORTORIAL REQUIREMENTS
12. MONITORING
13. VERIFICATION
14. ENFORCEMENT
15. RECOGNITION OF INSPECTION BODIES AND TESTING LABORATORIES
16. FEES AND CHARGES
17. PROHIBITED ACTS
18. PENALTIES/SANCTIONS FOR NON-COMPLIANT PRODUCTS
19. EXPANSION OF THE COVERAGE OF THE PESLP
20. FUNDING
21. EFFECTIVITY

• Annexes

Annex A:

List of Products Covered by the PESLP

Annex B:

Compendium of Particular Product Requirements (PPR)

Annex C:

Application Procedure for Compliance to PESLP

Annex D:

Guidelines for Validation of Energy Labels

Annex E:

Monitoring Verification Enforcement (MVE) of the PESLP

Annex F:

Schedule of Fees and Charges

Annex G:

Guidelines for Recognition of Inspection Bodies (IBs) and Test Laboratories (TLs)

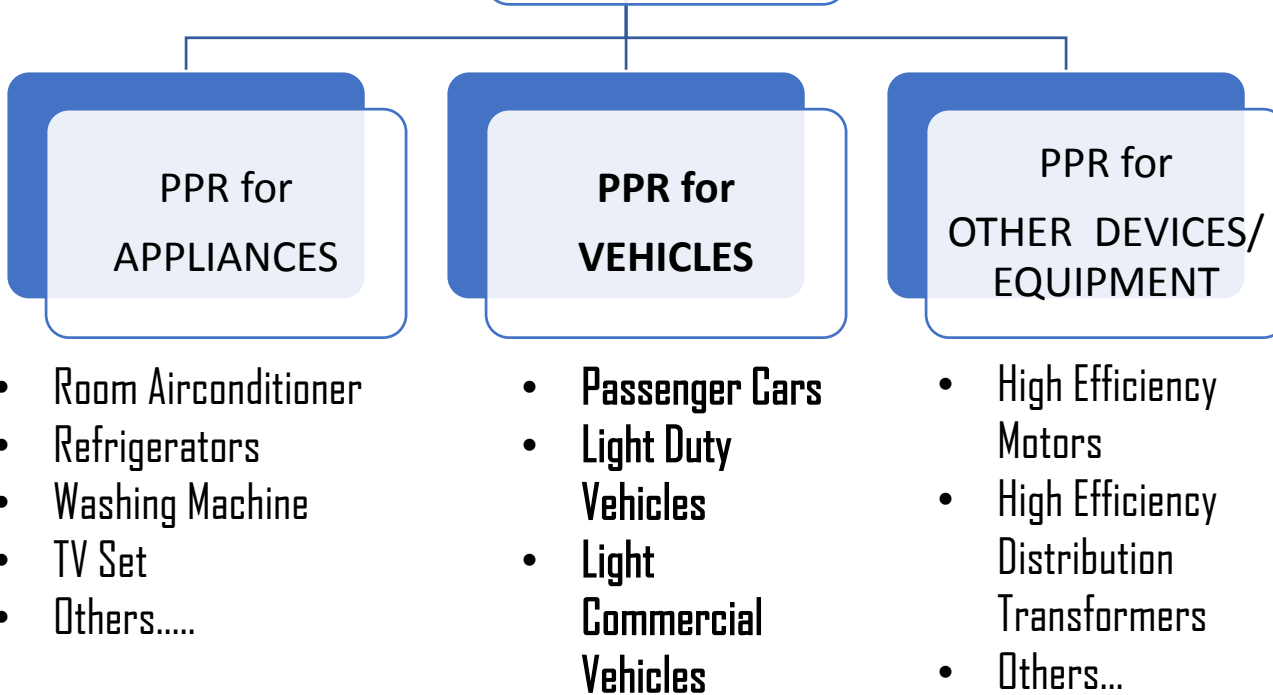
Annex H:

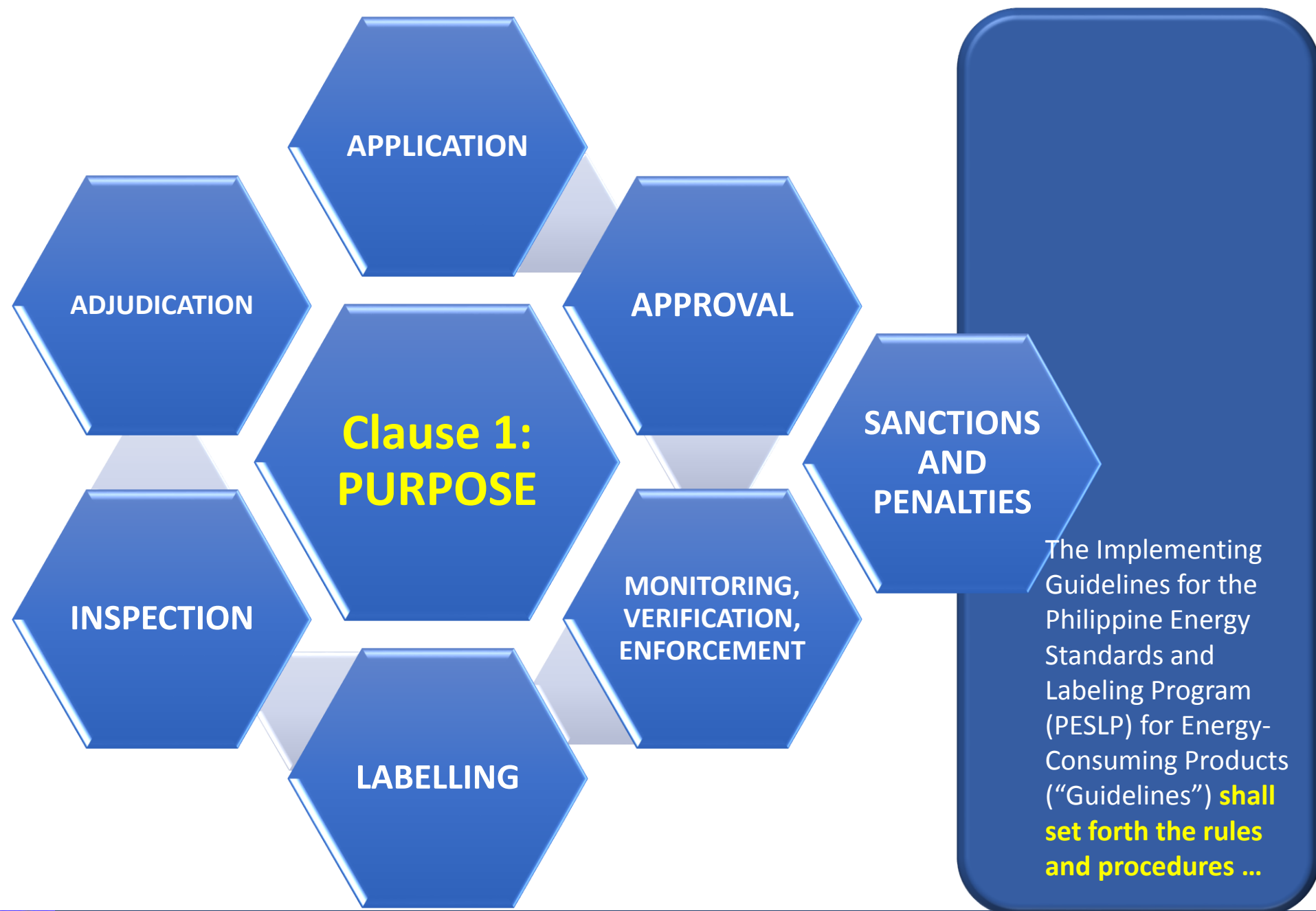
PESLP Prescribed Forms

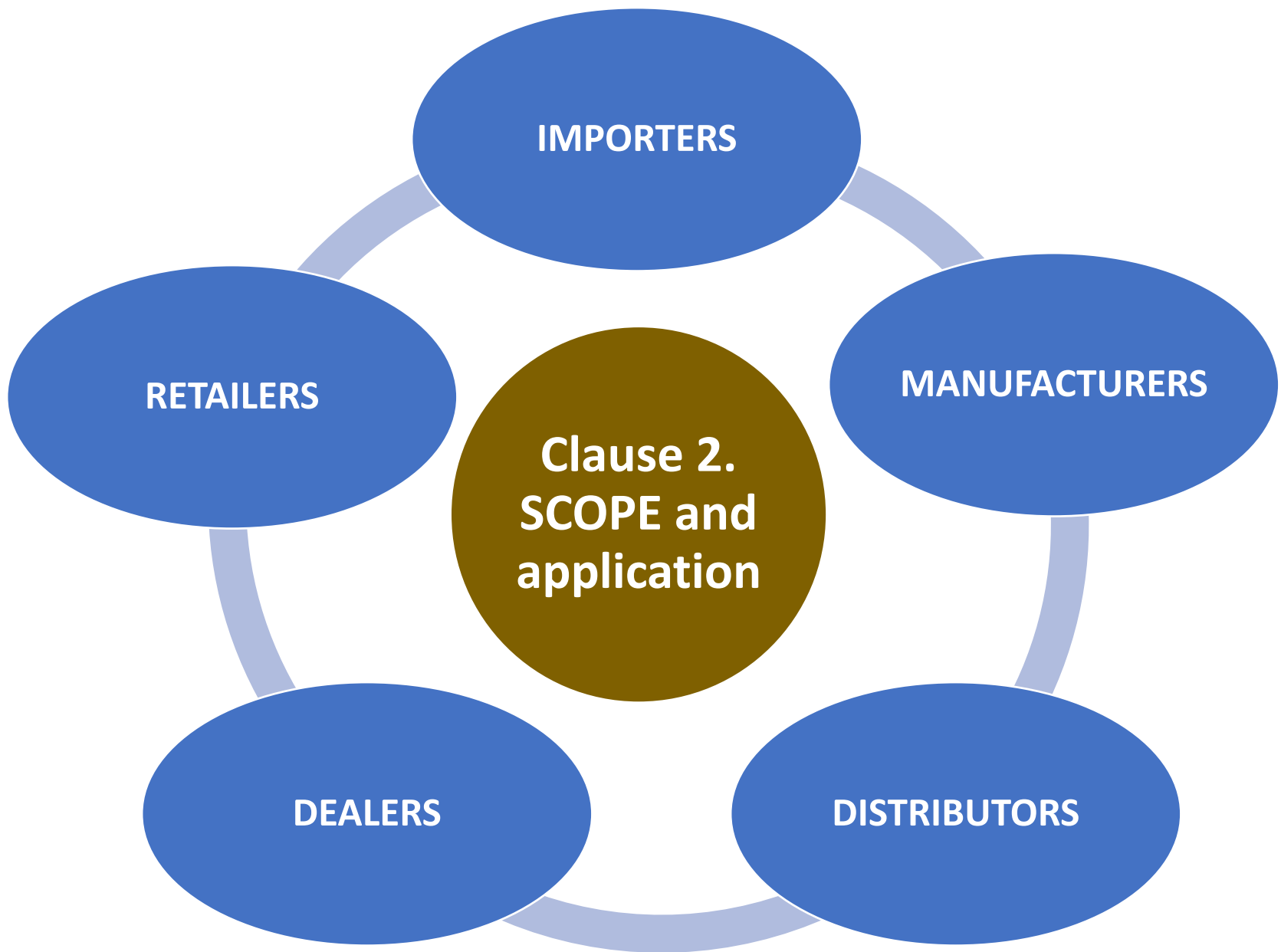


ANNEX B

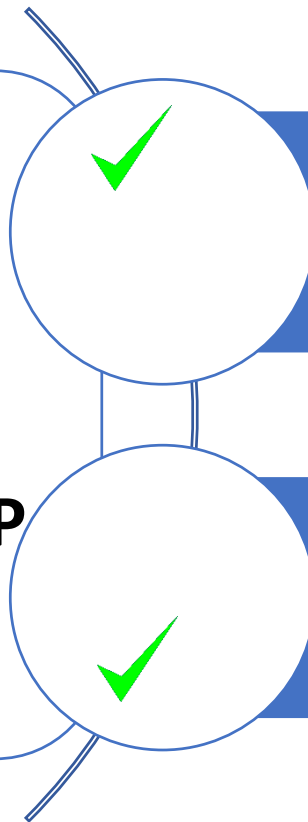
Particular Product Requirement (PPR)







Clause 5. MANDATORY COMPLIANCE WITH THE PESLP



MANDATORY ATTACHMENT OF
ENERGY LABEL

OTHER ENERGY PERFORMANCE
REQUIREMENTS

- **CUSTOMERS** * manufacturers / brand owners/importers applying for compliance with PESLP requirements.
- **DEALERS / RETAILERS** ** an entity engaged in the sale of various energy consuming products at outlets/stores.



Ensure that the products
have the energy labels
attached

Cooperate with the DOE
Monitoring Team during
the conduct of monitoring,
inspection and verification
activities.

**Sub-clause 7.2
RESPONSIBILITIES OF
RETAILERS/DEALERS**



Proposed Fuel Economy Label

ENERGY GUIDE



VEHICLE

COMPANY NAME

Brand:

Model:

Type:

Engine Displacement (cc):

**More stars and higher
Energy Efficiency
mean more energy
savings**

CH: 000 0000000

HIGHWAY DRIVING
25.2 Km/L
3.9 L/100Km

URBAN DRIVING
7.2 Km/L
13.8 L/100Km

COMBINED DRIVING
18.0 Km/L
6.9 L/100Km

 For additional information ask your dealer or visit the website of the:
Department of Energy
www.doe.gov.ph



Clause 11. REPORTORIAL REQUIREMENTS

✓ Inventory of units sold per model

✓ Geographical distribution records of all models

✓ Technical files and other records that may be deemed necessary



Clause 19. EXPANSION OF THE COVERAGE OF PESLP

The DOE shall continuously expand the coverage of the PESLP to include other energy-consuming products.



**Clause 21.
EFFECTIVITY**

This Circular shall be effective fifteen (15) days after publication in two (2) newspapers of general circulation.



Thank you.



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