Vehicle Fuel Economy

Philippines

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## Energy Consumption Demand by Sector

### 2016 Final Energy Consumption

<table>
<thead>
<tr>
<th>Sector</th>
<th>MTOE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSPORT</td>
<td>10.6</td>
</tr>
<tr>
<td>RESIDENTIAL</td>
<td>8.7</td>
</tr>
<tr>
<td>INDUSTRY</td>
<td>6.8</td>
</tr>
<tr>
<td>COMMERCIAL</td>
<td>3.4</td>
</tr>
<tr>
<td>AFF</td>
<td>0.4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>29.8</strong></td>
</tr>
</tbody>
</table>

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

### 2016 Final Energy Consumption (% Share)

- **Transport**, 35%
- **Residential**, 29.30%
- **Industry**, 22.60%
- **Commercial**, 11.30%
- **AFF**, 1.40%

### Road Transport Vehicles

<table>
<thead>
<tr>
<th>Road Transport Vehicles</th>
<th>Philippines (No. of Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cars/UV/SUV</td>
<td>2,722,211</td>
</tr>
<tr>
<td>Public Transport</td>
<td>264,727</td>
</tr>
<tr>
<td>Motorcycle /Motorized Tricycle</td>
<td>4,250,667</td>
</tr>
<tr>
<td>Others (Trucks, Trailers…)</td>
<td>398,590</td>
</tr>
</tbody>
</table>

Ref: DOTr, 2012 Figures
Nine-Point Energy Agenda

DOE’s Nine-Point Energy Agenda

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

- 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
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

DC 2016-04-0005
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)

PPR for APPLIANCES
- Room Airconditioner
- Refrigerators
- Washing Machine
- TV Set
- Others.....

PPR for VEHICLES
- Passenger Cars
- Light Duty Vehicles
- Light Commercial Vehicles

PPR for OTHER DEVICES/EQUIPMENT
- High Efficiency Motors
- High Efficiency Distribution Transformers
- Others...
Clause 1: PURPOSE

The Implementing Guidelines for the Philippine Energy Standards and Labeling Program (PESLP) for Energy-Consuming Products (“Guidelines”) shall set forth the rules and procedures ...
Clause 2. SCOPE and application

- IMPORTERS
- MANUFACTURERS
- DISTRIBUTORS
- DEALERS
- RETAILERS
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.
Sub-clause 7.2
RESPONSIBILITIES OF RETAILERS/DEALERS

- Ensure that the products have the energy labels attached
- Cooperate with the DOE Monitoring Team during the conduct of monitoring, inspection and verification activities.
Proposed Fuel Economy Label
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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