ENERGY SITUATIONER
4th Asian Ministerial Roundtable Meeting, Kuwait

Undersecretary Jose M. Layug, Jr.
Department of Energy, Republic of the Philippines
2010 Energy Mix

**Primary Energy Mix**

- **Biomass**: 13%
- **Geothermal**: 22%
- **Hydro**: 5%
- **Natural Gas**: 8%
- **Coal**: 18%
- **Biofuels**: 1%
- **Wind and Solar**: 0%

**Total Energy = 39.17 MTOE**

**Self-Sufficiency = 59.61%**

**Power Generation**

- **Coal**: 35%
- **Natural Gas**: 29%
- **oil Based**: 9%
- **Geothermal**: 15%
- **Wind**: 0%
- **Solar**: 0%

**Gross Power Generation = GWh**

**Total Generation = 65,795 GWh**

*Note: Preliminary*
How Petrol is used

**2010 PETROLEUM OIL MIX**
- Transport: 71%
- Commercial: 8%
- Agriculture: 2%
- Residential: 8%
- Industry: 11%

**2010 ROAD VEHICLE PER TYPE OF FUEL**
- Gasoline: 65%
- Diesel: 35%
- LPG-FED: 0.0009%
- Electric (excluding MRT/LRT): 0.0084%
- CNG: 0.3%
DUBAI vs. BRENT vs. WTI
## Comparative Prices

As of April 11, 2011

<table>
<thead>
<tr>
<th></th>
<th>Diesel Pump Price</th>
<th>Unleaded Gasoline Pump Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>70.35</td>
<td>67.74</td>
</tr>
<tr>
<td>Hongkong</td>
<td>65.23</td>
<td>89.61</td>
</tr>
<tr>
<td>Singapore</td>
<td>57.58</td>
<td>72.70</td>
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<tr>
<td>New Zealand</td>
<td>55.09</td>
<td>74.57</td>
</tr>
<tr>
<td>US (California)</td>
<td>49.08</td>
<td>46.06</td>
</tr>
<tr>
<td>Indonesia</td>
<td>47.00</td>
<td>42.50</td>
</tr>
<tr>
<td><strong>Philippines</strong></td>
<td><strong>46.85</strong></td>
<td><strong>54.85</strong></td>
</tr>
<tr>
<td>Thailand**</td>
<td>43.01</td>
<td>51.90</td>
</tr>
<tr>
<td>China</td>
<td>41.39</td>
<td>44.68</td>
</tr>
<tr>
<td>Malaysia</td>
<td>25.65</td>
<td>27.07</td>
</tr>
</tbody>
</table>

The Philippines is the only developing country in the ASEAN without fuel subsidy.
Energy Policies

- Oil Deregulation Law
- Renewable Energy Act
- Alternative Fuels Program
- Natural Gas Masterplan
- Fuel subsidy for targeted vulnerable sectors
Most Vulnerable Sectors

- Transport Groups
- Working Class Citizens

Inset photo shows the transport and consumer groups protesting the escalating fuel prices threatening their livelihood.
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