

## ASEAN INTER-PARLIAMENTARY ASSEMBLY (AIPA)

### ENCOURAGING CLEAN ENERGY

COUNTRY: PHILIPPINES

National Initiatives to Encourage Clean Energy	Views on Possible Common Legislation
<p data-bbox="322 603 640 635"><b>I. Legislative Action</b></p> <p data-bbox="371 676 1088 740">1. <i>Republic Act No. 9513 or the Renewable Energy Act of 2008</i></p> <ul data-bbox="322 785 1124 960" style="list-style-type: none"><li data-bbox="322 785 1124 849">● Issuance of the Implementing Rules and Regulations by the Department of Energy (May 2009)</li><li data-bbox="322 890 1124 960">● Establishment of the Renewable Energy Trust Fund (RETF)</li></ul> <p data-bbox="371 1002 1106 1034">2. <i>Republic Act No. 9367 or the Biofuels Act of 2006</i></p> <p data-bbox="398 1075 766 1107">Mandatory use of biofuels:</p> <ul data-bbox="322 1149 1088 1248" style="list-style-type: none"><li data-bbox="322 1149 1088 1248">● Minimum of five percent (5%) to ten percent (10%) blend of bioethanol by volume into all gasoline fuel distributed and sold by each and every oil company;</li></ul>	<ul data-bbox="1196 676 1975 890" style="list-style-type: none"><li data-bbox="1196 676 1975 708">● Enactment of similar law among ASEAN countries</li><li data-bbox="1196 750 1975 890">● Passage of a bill establishing a Solar Energy Development Authority that shall conduct research and promote the development and utilization of the solar energy.</li></ul>

- Minimum of one percent (1%) to two percent (2%) biodiesel by volume shall be blended into all diesel engine fuels sold in the country.

*Energy Plan*

- Increase target biodiesel blend from 2 percent to as high as 20 percent by 2030. This will result to significant fuel displacement of 102 million liters in 2009 to 1,8885 million liters in 2030.
- Increase target bioethanol blend from 5 percent to 20 percent or the accelerated E10 that can be seen in the pumps. This will displace 1,340 million liters in 2030 from the current 169 million liters of fuel displacement.
- Partnership with the academe and research institutions on the conduct of durability tests for higher biofuel blends for vehicles and viability studies for other potential feed stocks.
- Under the pilot phase of the Natural Gas for Vehicle Program for Public Transport of the government, the target is to have all of 200 buses commercially operating by the end of 2010 from the current 34 buses running on CNG.
- There are 15,000 taxis converted nationwide running on LPG.

## **II. Development of Renewable Energy Sources**

- Creation of the National Renewable Energy Board (NREB)
- Issuance of enabling guidelines to expedite processing of renewable energy projects covering (i) accreditation of manufacturers, fabricators and suppliers of locally-produced renewable energy equipment and components; (ii) transparent and competitive system of awarding renewable energy service and operating contracts including registration process of renewable energy developers
- Eighty seven (87) Renewable Energy and Operating Contracts were signed on October 23, 2009.

## **III. 2010-2030 Philippine Energy Plan (PEP)**

### *Policy Thrusts:*

- Ensuring energy security
- Pursuing effective implementation of energy sector reforms
- Implementing social mobilization and cross-sector monitoring mechanisms

*Plans of Action*

- Accelerate exploration and development of oil, gas and coal resources
- Intensify development and utilization of renewable and environment friendly alternative energy sources
- Enhance energy efficiency and conservation
- Attain nationwide electrification
- Put in place long term reliable power supply
- Improve transmission and distribution systems
- Secure vital energy infrastructure facilities
- Maintain a competitive energy investment climate

*Promoting Responsible Use of Energy*

- Aims to achieve 10 percent energy savings on the annual demand of all economic sectors.
- Continuing implementation of the National Energy Efficiency and Conservation Program of the Department of Energy
- Expansion of the coverage of standards and labeling program to include new models of passenger cars and light duty vehicles.
- Promotion of Green Building technology in partnership with construction and real estate sectors.

Passage of Energy Efficiency Bill is recommended. To ease some pressure off the country's total energy demand, as well as promote the protection of the environment. There is a need to change the way people use energy by promoting and instilling the value of responsible use of energy.

*Climate Change Adaptation Measures*

- Conduct of impact and vulnerability assessments of energy systems such as power generation, transmission and distribution, fuel production and transportation in the immediate term.
- Integration of structural adaptations into the design of energy infrastructures to include modification of engineering design practices.
- Integration of climate change adaptation to energy policies, plans and programs including laws and regulations.