

Mandatory vs. Voluntary Approaches to Appliance Standards and Labelling

Prasert Sinsukprasert, Ph.D

Bureau of Energy Regulation and Conservation
Dept. of Energy Development and Promotion

Regional Symposium on Energy Efficiency
Standards and Labelling

May 29-31, 2001 at United Nations Conference Center

Similar Objective

Encourage the production
and the use of high energy
efficient products

Definitions and Strategies

- ◆ **Mandatory Energy Standards**
 - ◆ A set of procedures and regulations that prescribe the energy performance of manufactured products
 - ◆ Some cases, Mandatory energy standards refers to maximum energy consumption limits
 - ◆ Eliminate inefficient products from the Market

Definitions and Strategies

- ◆ Voluntary Energy Standards
 - ◆ Information to consumers
 - ◆ Targets for Manufacturers
 - ◆ Market Driven

Program Components

- ◆ **Mandatory Energy Standards**
 - ◆ Regulation and Legal instrument in place
 - ◆ well-defined Testing Protocol and sufficient Testing Facilities
 - ◆ Certification Administration
 - ◆ Monitoring and Enforcement

Program Components

- ◆ Voluntary Energy Standards
 - ◆ Promotion Activities
 - ◆ Testing Procedures and Testing facilities
 - ◆ Program Adjustment and Update
 - ◆ Complementary Programs (e.g. incentives)

Essential Parts and Costs

- ◆ Mandatory Energy Standards
 - ◆ Requires time for legal setup
 - ◆ Requires Monitoring and Enforcing System/Efforts
 - ◆ Manufacturer Cooperation

Essential Parts and Costs

- ◆ Voluntary Energy Standards
 - ◆ Intensive Promotional Activities
 - ◆ Easy to understand materials/labeling
 - ◆ Manufacturers Cooperation

Decide What Best for YOU!

- ◆ Culture Conditions
- ◆ Social Considerations
- ◆ Financial Situation
- ◆ Local Manufacturing Capability
- ◆ Product's Market Profile

Thailand's experiences

EGAT - labeling program - voluntary

NEPO - MEPS – Mandatory

DEDP - Standard Measures -
voluntary