

Thailand's Experience and Development on Green IT

Submitted by:

Electrical and Electronics Institute, Thailand

Asia Green IT Forum 2009

Japan

6 October 2009

Outline

- **Overview and Conceptual Framework of Green-Products in Thailand**
- **Green IT Application**
- **Promotion and Support**

Overview and Conceptual Framework of Green-Products in Thailand

“ The formulation of policies promoting environmentally-sound production and consumption with consideration of pollution prevention, reduction of environmental impacts in full life cycle, conservation of the natural resources, and emphasizing on the consumer’s participation in environmental management and on the increasing of green-products consumption ”

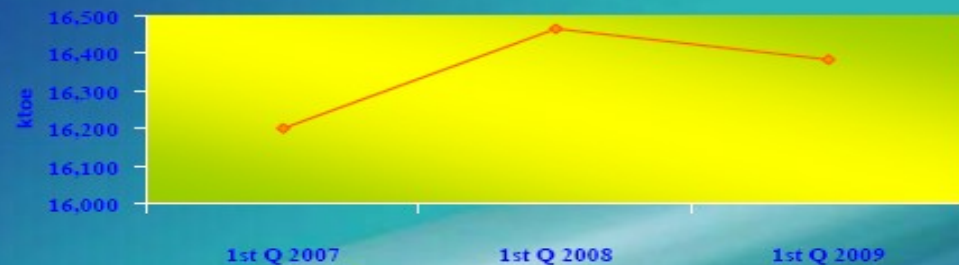
Key Activities & Experiences in Thailand

- **Promotion of Energy Conservation**
- **Promotion of Environmentally-sound production management**
- **Formulation of Green Procurement Policy for the public sector**

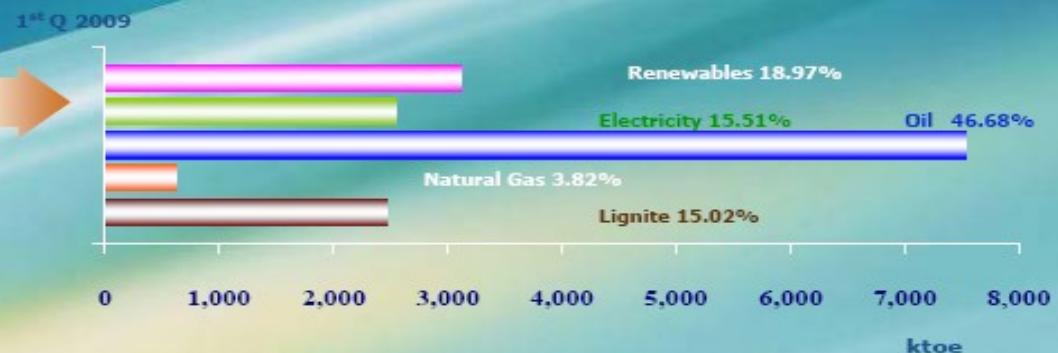
Situation of Energy Consumption in Thailand

Energy Consumption

Energy consumption was at 16,385 ktoe (cost at 188,047mMillion baht cost) in the 1st quarter of 2009, reduced 0.49 % from the same period last year



Oil was used at a higher share than other energy resources by 46.68 % of the total energy consumption. Using of renewable, electricity, coal/lignite was used at 18.97 %, 15.51%, 15.02% and 3.82 % respectively.

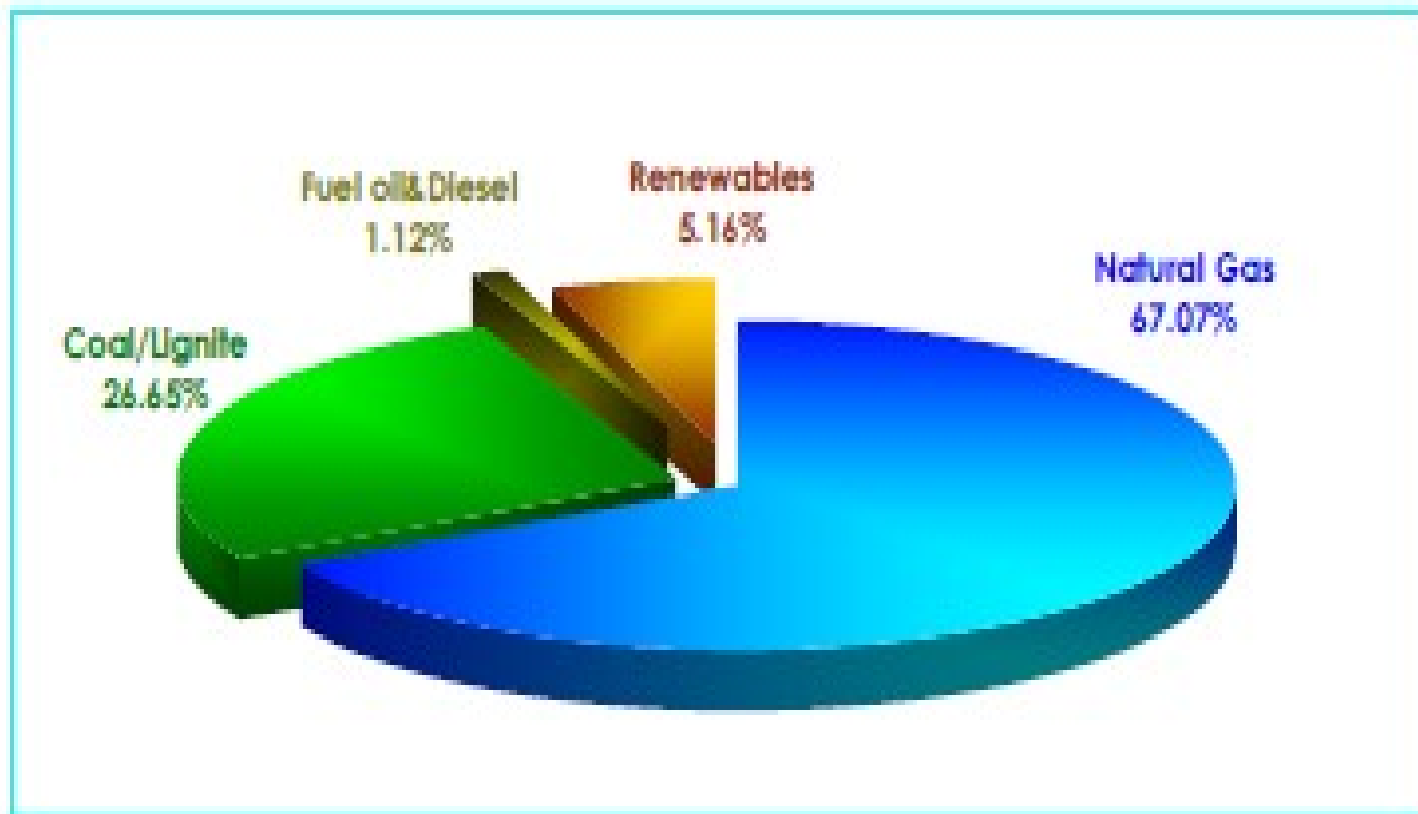


Industrial sector consumed energy at the highest share by 36.94 % (of which manufacturing, mining and construction was at 36.59%, 0.16% and 0.19% in order). Transport, residential, commercial and agriculture consumed at 35.69%, 15.08%, 7.14% and 5.15% respectively.



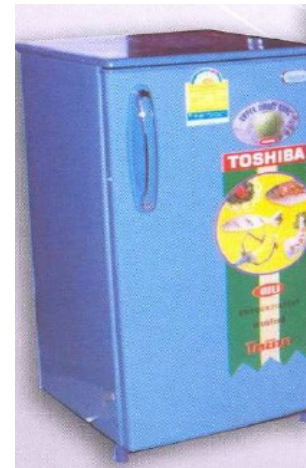
Situation of Energy Consumption in Thailand

Power Generation by Fuel Type in the 1st Quarter of 2009



Promotion of Energy Conservation

- Energy Label*



*Electricity Generating Authority of Thailand (EGAT) has implemented Thailand Promotion of Electricity Energy Efficiency (TPEEE) Project since 1992. The targets include the reduction in the nations energy consumption, peak demand, and the emissions of CO2 into the atmosphere. The TPEEE Project has transformed the market for residential appliances such as air conditioning, refrigerators, and lighting.