

**Electricity Generating Authority of Thailand**

**(EGAT)**



**Responsibilities**

**Electricity Generation and Transmission  
for the whole country**

**Energy Audit section  
Production Engineering Department  
Production Efficiency Division**

**Responsibilities**

**To audit and analyze energy consumption and energy conservation of power plant and factories according to Energy conservation Promotion Act**

## **Process of service**

- Preliminary energy audit and analysis
- Detailed energy audit and analysis
- Setting energy saving program implementation

# Energy Saving in EGAT

1. Introduction and recommendation of high efficiency equipments for power plant and factories
  - Power distribution
  - Motor high efficiency
  - Variable speed drive
  - Heat-Recovery equipment
  - Insulation of pipe
  - Lighting System
  - etc.

- Air condition High efficiency
- Loss in condenser





2. Introduction and recommendation of high efficiency equipments for SMEs project .The cooperation between Ministry of Energy and EGAT (DSM)

For

- Reduce the production cost by applying the appropriate energy efficiency technology
- To enhance awareness of energy efficient consumption for sustainable development

# How Public sector support the project

- Technical support

- -To develop and promote energy efficiency product
- -To verify and assess the energy cost reduction form use of energy efficiency technologies

- Financial support

- Low interest loan through financial institute for the investment of energy efficient equipment
- Support for procuring energy auditor to audit, analyze energy consumption of improved system and prepare the audit report (not exceeding 1,000 us \$)

# Problems

- The economic worth for investment
- Pay back period
- knowledge and understanding in energy technology
- need more cooperation in energy saving.

- The end