Overview of EE&C Activities in Myanmar

Presented By
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at the
Seminar on the Promotion of Energy Efficiency and Conservation (PROMEEC) for Major Industries in Southeast Asia

24 November 2006, Myanmar
Outline of Presentation

1. Part I. Background

2. Part II. Activities

3. Part III. Future Plan & Programs
1. Part I. Background

Contents

- Energy Policy
- Energy Sector Profile
- Regulations
- Present Institutional Arrangements
Part I/1. Background

Energy Policy of Myanmar

- To maintain the Status of Energy Independence
- To Promote Wider use of New and Renewable Sources of Energy
- To Promote Energy Efficiency and Conservation; and
- To Promote use of Alternative Fuels in Household
Part I/2. Background

Energy Sector of Myanmar

1. Oil and Gas Sub-sector - Ministry of Energy
2. Electric Power Sector – Ministry of Electric Power
3. Biomass (Fuelwood) Sector - Ministry of Forestry
4. Coal Sub-sector - Ministry of Mines
5. Renewable Energy - Ministry of Science & Technology
Part I/3. Background

Regulations

- Electricity Act 1948 (as amended in 1967)
- Electricity Rules (1985)
- The Petroleum Act (1934) and
- Petroleum Rules of 1937 (as amended in 1946)
Part I/4. Background

Present Institutional Arrangements

- National Coordinating Committee – (Ministry of Energy)
- Representations from the Sub-sector Ministries
2. Part II. Activities

Contents

- Past Activities
- Impacts
- Barriers and Constraints
Part II/1. Activities

Past EE&C Activities

- UNDP/ADB assisted
  Institutional Strengthening within the Ministry of Energy Project (ISME) –1991

Key Elements

(a) Energy Analysis
(b) Energy Economics
(c) Energy Conservation
(d) Fuel Safety
(e) Management Information Systems
Part II/2. Activities

Past EE&C Activities

- **UNESCAP assisted**
  - Seminar on Energy Efficiency/Energy Conservation in the Industrial Sector, 23-24 October 1996,
  - Seminar on Practical Training Course on Efficient Energy Management in Industries (Phase I), 19-21 August 1998 and (Phase II), 4-5 November 1998, Myanmar
Part II/3. Activities

Past Activities

ASEAN EE&C-SSN

- Promotion of Energy Efficiency and Conservation (PROMEEC) – Mann Petroleum Refinery Site visit & Energy Audit, 17-22 December 2001, Myanmar


- Workshop of the Working Group for Benchmarking and Energy Audit Guideline Development Project (PROMEEC), 28 February 2003 to 1 March 2003, Yangon, Myanmar
Part II/4. Activities

Impact from Past Activities

- Very little impact due to poor follow up activities
Part II/5. Activities

Barriers and Constraints

- Supply constraints
- Lack of proper understanding of EE&C
- Low tariffs
- Financial constraints
- Institutional constraints
2. Part III. Future Plan & Programs

Contents

- ASEAN Program
- UNESCAP Program
Part III/1. Future Plan and Programs

Planned Activities

ASEAN Program

- Preparation for Myanmar Nationals to receive accreditation under the AEMAS
  (1) ADB Funding
  (2) Others
    - Competing in ASEAN Energy Awards EE&C Best Practices in Buildings
    - Participation in ASEAN EE&C-SSN and PROMEEC Activities

- Collaboration with ESCAP
  (1) Advisory Services to facilitate the development of a framework on energy management system in Myanmar
Part III/2. Future Plan and Programs

ASEAN Program - Key Components

AEMAS Program

- Training of Energy Managers According to AEMAS Curriculum
- ASEAN Awards
- PROMEEC
Part III/3. Future Plan and Programs

UNESCAP Program

- Framework on Energy Management System –
- Key Elements

Objective

Methodology

Priority Actions
Objective

- To promote every management best practice in industrial and commercial facilities
Methodology

How to improve energy efficiency?

- House keeping measure
- Implement sustainable energy management system
- Adopt energy efficient technologies
Needs for Implementation

• Human resources development, training and access to information
• Leadership at government and ministerial level
Proposed institutional set up

1. Central Government
2. Energy efficiency committee
3. Secretariat
4. Technical Advisory - National Focal point
Part III/4. Future Plans and Programs

Basic Technical Skills to be developed

- Heat management
- Power utilities management
- Steam utilities management
- Theory and Practice in Energy Efficiency and Energy Conservation
- Theory and Practice in Energy Auditing
Part III/5. Future Plan and Programs

UNESCAP Program Planned Activities

- Identification of industries according to energy use for implementing the energy management system
- Preparation of TOR for the person in charge for energy
- Development of a data collection and compilation system
- Develop a system for reporting
- Impart basic technical skills
The End
Overview of EE&C Activities in Myanmar
Thank You for Your Attention

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