

**Seminar on Energy Efficiency Resource Standards (EERS)
Organised by the Thai-German Programme on
Energy Efficiency Development Plan (TGP-EEDP)
Thursday 27th March 2014 (08.30-16.00)
Surasak Room 2-3, 11th Fl., Eastin Grand Hotel, Bangkok, Thailand**

Project Overview:

Under the Thai- German Programme on Energy Efficiency Development Plan or TGP-EEDP, GIZ has been commissioned by the German Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety to contribute to the further development and support the implementation of the 20-year Energy Efficiency Development Plan (EEDP, 2011-2030). The 3-year project has officially started in May 2012 and will run until April 2015. Project partners of TGP-EEDP include the Energy Policy and Planning Office (EPPO), the Department of Alternative Energy Development and Efficiency (DEDE) and the Thailand Greenhouse Gas Management Organization (TGO). The TGP-EEDP Project aims at promoting the increase of energy efficiency in industry and building sectors by supporting the implementation of the EEDP plan which will have a direct impact on CO₂ emission reduction.

Background Information: EEDP and EERS

In 2010, the Energy Policy and Planning (EPPO), assigned by the Ministry of Energy, has formulated the long term 20-year Energy Efficiency Development Plan (EEDP) which aims to reduce energy intensity (energy consumption/GDP) by 25% (compared with that in 2010), or equivalent to the reduction of final energy consumption by nearly one-quarter (23.5%) in 2030. Aftermath, the Energy Efficiency Action Plan (EEAP) was developed as the framework for all stakeholders being integrated and steered to fulfill the national and international commitment with 5 strategic approaches and 34 measures in order to achieve the same goal of energy efficiency and climate change alleviation.

Energy Efficiency Resource Standards (EERS) for large energy businesses (measure # 4) is one of the important measure for establishing standards for electricity utilities to assist consumers in the implementation of energy efficiency in order to reduce consumption but not production outputs. It means that large-scale energy businesses, e.g. those in the electricity, oil and natural gas industries will be required to implement energy conservation measures to encourage their customers to reduce energy use by a specified minimum standard (or Energy Efficiency Resource Standards: EERS). Actually, many countries around the world have implemented EERS schemes on a national or regional level (e.g. UK, France, Italy, Denmark, several US States, China, and South Korea) but sometimes in different terms basically describing the same type of policy instrument e.g. "Energy Saving Obligation", "Energy Efficiency Portfolio Standard", "Energy Efficiency Commitment" or "Energy Supplier/Distributor Obligation". Therefore, in order to achieve a common understanding of EERS, and transfer knowledge and experience about international practice and experience, the TGP-EEDP programme is organising a workshop on EERS, which will be co-hosted by EPPO and GIZ.

Objectives of the workshop:

- 1) To introduce, share knowledge and understanding of EERS measure and the importance of EERS to the energy conservation in Thailand;
- 2) To present a report on international practice and experience in the implementation of EERS;
- 3) To gain lessons learned from experience in other countries;
- 4) To provide a platform to discuss the policy framework of EERS in Thailand with related stakeholders.

Schedule of the Seminar

08.30-09.00	Registration	
09.00-09.15	Welcome & opening address	<ul style="list-style-type: none">• Mr. Suchalee Sumamal Deputy Director-General, EPPO
09.15-09.25	Introduction of TGP-EEDP and objectives of the EERS seminar	<ul style="list-style-type: none">• Dr. Milou Beerepoot TGP-EEDP Project Director, GIZ
09.25-09.30	Photo session	
09.30-10.10	"International practice and experience with EERS"	<ul style="list-style-type: none">• Mr. Felix Suerkemper Wuppertal Institute (WI), Germany
10.10-10.50	"Introduction and understanding of EERS in the Thai context"	<ul style="list-style-type: none">• Dr. Boonrod Sajjakulnukit The Joint Graduate School of Energy & Environment (JGSEE)
10.50-11.10	Coffee break	
11.10-11.50	"Experience of EGAT in Demand Side Management"	<ul style="list-style-type: none">• Mr. Pitarn Chaichinda Director, Demand Side Management and Planning Division, Electricity Generating Authority of Thailand
11.50-12.00	Questions & Answers	
12.00-13.00	Luncheon at the Glass House on 5th Floor	
13.00-13.45	"Sharing EERS experiences in Denmark"	<ul style="list-style-type: none">• Ms. Kirsten Dyhr-Mikkelsen Ea Energy Analyses, Denmark
13.45-14.30	"Rational Energy Utilization Act and future obligation scheme in the South Korea"	<ul style="list-style-type: none">• Dr. Kihyun Park Associate Research Fellow, Korea Energy Economics Institute (KEEI)
14.30-14.45	Coffee break	
14.45-15.40	Panel Discussion : "Challenges of implementing EERS in Thailand"	
15.40-15.50	Questions & Answers	
15.50-16.00	Final Remarks and Conclusion : "Next step in developing EERS in Thailand"	

Remarks:

The final presentation and workshop materials will be available for online download one week later **on Thursday 3rd April 2014** at
<http://www.thai-german-cooperation.info/energy-efficiency-plan.html> or
<http://goo.gl/9n3YIo>