



**Asia-Pacific
Economic Cooperation**

2017/EWG54/015

Agenda Item: 11b

Peer Review on Energy Efficiency

Purpose: Information

Submitted by: APERC



**54th Energy Working Group Meeting
Wellington, New Zealand
22-23 November 2017**



The 54th Meeting of APEC Energy Working Group (EWG)
Wellington, New Zealand, 22-23 November, 2017

11.b. Peer Review on Energy Efficiency (PREE)

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President, APERC



PREE consists of three pillars:

- **PREE** to provide recommendations for the host economy on how implementation of their energy efficiency action plans could be improved, and **Follow-up PREE** to help a previous PREE host economy to more smoothly implement recommendations on energy efficiency action plans;
- **Compendium** to share information on energy efficiency policies and performance of APEC economies; and
- **Energy Efficiency Policy (EEP) Workshop** to further discuss key issues in policy formation for energy efficiency.

1. PREE

- **PREE Phase 6 in Mexico** was conducted on 6-10 March 2017 in Mexico.
- The **Peer Review Report** was published in October 2017

2. Compendium

- **Compendium 2016** (last full update*) was published in October 2017 (available at: <http://aperc.iecej.or.jp/publications/reports/compendium.php>).

*APERC decided to overhaul the process for the compendium. It will be updated through other data collection such as the APEC Energy Overview.

3. Energy Efficiency Policy (EEP) Workshop

- The **EEP Workshop Summary Report: Policy and Program Evaluation II** was published in June 2017

11.b. (3) PREE in Mexico

- **27 participants** from Mexico (Ministry of Energy, National Commission for the Efficient Use of Energy (CONUEE), Energy Savings Trust Fund (FIDE) and National Center for Energy Control (CENACE) and **6 experts** attended.
- **46 recommendations** were made by the peer review team.

	Peer-review Contents	Leading Review Expert	Number of Recommendations
	Review Team Leader	Mr. Takato Ojimi (APERC)	
1	Overall/Institutional Context	Dr. Kazutomo Irie (APERC)	4
2	Energy Efficiency Goals, Targets and Strategy	Mr. Borwornpong Sunipasa (THA)	6
3	Energy Data Collection and Monitoring	Ms. Elvira Torres Gelindon (APERC)	6
4	Policy Measures-Government and Buildings	Dr. Zhang Shicong (China)	5
5	Policy Measures-Industrial Sector	Mr. Pramesh Maharaj (NZ)	7
6	Policy Measures-Transport Sector	Ms. Elizabeth Yeaman (NZ)	5
7	Policy Measures-Electricity Sector	Mr. Graham Parker (USA)	6
8	Policy Measures-Appliances and Equipment	Dr. Ming-Shan Jeng (CT)	7
	Total		46

11.b. (3) PREE in Mexico (cont'd)

Recommendations made by the peer review team are:

Institutional Context	Recommendation 1: SENER and CONUEE should continue keeping communication and coordination among them, not only for the successful implementation by CONUEE of SENER-designed energy efficiency policies, but also for getting feedback from CONUEE's experience to SENER's policy designing.
Energy Efficiency Goals, Targets, and Strategy	Recommendation 5: The government should continue to have energy efficiency as a priority in its energy policy and make sure that the committed targets are achieved.
Energy Data Collection and Monitoring	Recommendation 11: Enhance cooperation with relevant actors in conducting household energy consumption surveys.
Policy Measure – Government and Buildings Sectors	Recommendation 17: Consider a stronger energy demand growth in the buildings sector due to a rise on people's living standards.
Policy Measure – Industrial Sector	Recommendation 22: The government should continue expanding the Learning Network approach for large energy users.
Policy Measure – Transport Sector	Recommendation 29: Push for greater coordination around transport planning and energy efficiency between all levels of government.
Policy Measure – Electricity Sector	Recommendation 34: Establish energy efficiency Public Benefits funds program.
Policy Measure – Appliances and Equipment	Recommendation 40: Benchmark energy efficiency standards with other APEC economies.

11.b. (4) Future Plan of PREE

- **PREE Phase 7:**
 - Prepare for **Follow-up PREE in Malaysia** on 26-30 March 2018 (TBC);
 - Prepare for the **3rd EEP Workshop** to be held in conjunction with EGEE&C 51 in 2018
- **PREE Phase 8 (after approval):**
 - Plan the implementation of **PREE in Russia** in September 2018
- There is an interest from **Peru** to host **Follow-up PREE**.
- APERC welcomes all eligible economies to volunteer themselves to host **future PREEs** or **Follow-up PREEs**. If interested, please contact: master@aperc.iecej.or.jp.

11.b. (5) PREE Host Economies

PREE		
1	Chile	2009
2	New Zealand	
3	Viet Nam	
4	Thailand	
5	Chinese Taipei	2010
6	Peru	
7	Malaysia	
8	Indonesia	2011
9	The Philippines	2012
10	Brunei Darussalam	2013
11	Mexico	2017
12	Russia (TBC)	2018

Follow-up PREE		
1	Viet Nam	2012
2	The Philippines	2014
3	Thailand	2015
4	Malaysia	2018



PREE in Mexico



Thank you for your kind attention

<http://aperc.ieej.or.jp/>