



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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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/>