UPDATE OF APEC EGEE&C

Chair of EGEE&C: Li Pengcheng
China National Institute of Standardization
2017-03-27
MEETINGS AND EVENTS

- The 48th Meeting of the APEC Expert Group on Energy Efficiency & Conservation (EGEE&C 48) was held on 11th September – 13th September 2016 in Tarapoto, Peru

- 1 workshop were held alongside the 48th EGEE&C meeting
  - Workshop on ISO 50001 Energy Management System
STRATEGIES

APEC Energy Intensity Reduction in 2035

Progress and scenario analysis

Gap assessment on APEC EEC Work
PARTNERS - APERC

- APERC is currently involved in the APEC’s Peer Review on Energy Efficiency (PREE) and Compendium to share information on EE policies and performance of APEC economies.

- As a part of PREE, APERC’s first Energy Efficiency Policy (EEP) Workshop looked at funding approaches and key design principles for energy efficiency policies.

- APERC’s second Energy Efficiency Policy (EEP) Workshop introduced methodology, experiences and capacity of energy efficiency policy and program evaluation.

- APERC is working with EGEEC to determine the topic of the 3rd EEP alongside with EGEEC 49
CLASP works as the Secretariat of APEC-ESIS, which provides up-to-date information about energy efficiency standards and labeling that apply to products in the APEC region. This is an online resource that allows policy makers and S&L practitioners to compare policies and regulation across countries and according to product.

CLASP also serves as Administrator of CAST, a program examining energy efficiency and test methods of televisions, electric motors, and heat pump water heaters and promoting harmonized test procedures and supporting development of aligned energy efficiency S&L in APEC economies.
PARTNERS - ICA

- ICA focuses on the areas of equipment and appliance energy efficiency, electricity infrastructure efficiency, renewable energy and energy access for disadvantaged populations.
- Recently, ICA help EGEE&C to conduct project on distribution transformers to help APEC economies fully capture potential energy savings from distribution transformers.
- ICA is considering to propose an APEC-ICA Energy Facility for structured cooperation in the field of energy efficiency and renewable energy.
PROJECTS - ONGOING

- EWG-02- 2015A APEC Nearly (Net) Zero Energy Building Best Practices and Energy Reduction Results Comparative Study (China)

- EWG-01- 2016A Gaps Assessment on APEC Energy Efficiency and Conservation Work Toward Fulfilling the Leaders’ Energy Intensity Reduction Goal (US)

- EWG-05- 2016A Reducing Losses in Power Distribution through Improved Efficiency of Distribution Transformers (China)
RELEVANT ONGOING PROJECTS UNDER EWG

- EWG-03-2015A APEC Peer Review on Energy Efficiency (PREE) Phase 5 (Follow-up PREE)
- EWG-04-2015A Enhancing Regional Capacity to Ensure Successful ISO 50001 Outcomes (US)
- EWG-06-2015A Establishing Lighting Best Practices and Educational Programs to Achieve Deep Energy Saving, An APEC Regional Collaboration with University Lighting Centers and Research Institutions
- EWG 08 2016A Workshop to Develop Qualified Product Lists for High-Quality and High-Efficiency Commercial, Industrial, and Outdoor Lighting Products and Control Systems in the APEC Region
RELEVANT PROJECTS IN OTHER FORA


- Aligning Energy Efficiency Regulations for ICT Products – Implementing A Strategic Approach (CTI-27-2013A) under SCSC

- Capacity-Building and Awareness Project on Enhancement of Total Environmental Efficiency (Energy/Carbon and Material Efficiency) through MFCA, ISO 14051 (CTI-18-2015A) under SCSC

- APEC Workshop on Enhancing Policy Environment to Promote SMEs’ Participation in Energy Efficiency Products Market14051 (SME 04 2016A) under SMEWG

Mapping Analysis of Projects related to Energy Efficiency and Conservation

Appliances and equipment
- Harmonization of S&L
- Enforcement of S&L (MV&E, testing capacity)

Industry
- Energy management system (ISO 50001+M&V)

Building
- Commercial building (lighting)
- Nearly Zero Energy Building

Transportation
- Label of vehicles

Cross-cutting issues
- Policy and program evaluation (PREE)
- Financing (Private and public funding, ESCos)
- District energy system (Supply + demand)
- Capacity
PROJECTS – APPROVED IN 2016 SESSION 2

- **Building**
  - Incubator for Enhancing Commercial Buildings Energy Performance *EWG-14-2016A* (Australia)

- **Transportation**
  - Supporting the development and implementation of Low-Emission Development Strategies (LEDS) in Transport Sector *EWG 13 2016A* (US, joint with TPTWG)

- **Cross-cutting issues**
  - APEC Workshop on Promoting the Development of an Evaluation Community *EWG-19-2016A*(US)
  - Peer Review on Energy Efficiency Phase 6 *EWG-10-2016A* (Japan)
PROJECTS - CNs

Session 1, 2017

• Appliances and equipment
  • APEC-Latin America Harmonization of Energy Efficiency Standards for Air Conditioners and Refrigerators (Mexico)
  • Refrigerator/Freezer Energy Efficiency Improvement in APEC Region: Review of Experience and Best Practices (Chinese Taipei)

• Cross-cutting issues
  • Capacity building for district energy system planning in new urbanization of APEC economies (China)
PROJECTS - CNs

Session 2, 2017

- Appliances and equipment
  - Policy implications of promoting networked and demand response-enabling household devices in the APEC region (China)
- Transportation
  - Electromobility: Infrastructure and Workforce Development (Chile)
- Cross-cutting issues
  - APEC Peer Review on Energy Efficiency (PREE) Phase 7 (Japan)
Issues of EGEEC 49

Review of TOR

Energy Intensity Goal
- Coherent topics
- Streamlined projects
- Engagement of stakeholders

Visibility of outputs

Collaboration on cross-cutting topics
- APEC groups/forum/organizations/programs
GOVERNANCE

- Mr. Li Pengcheng (PRC) from China National Institute of Standardization is the standing Chair of EGEEEC
- Mr. Liu Ren (PRC) from China National Institute of Standardization provides secretariat support to the EGEEEC
- We are seeking support with both the chairing role (a Co-Chair to work with China) and the EGEEE&C secretariat services (a Co-Secretary to work with China)
UPCOMING EVENTS

- We are seeking the voluntary host of the 50th EGEE&C meeting in September/October, 2017

- The workshops related to approved APEC-sponsored projects are encouraged to be held alongside the 50th EGEE&C meeting
THANK YOU FOR YOUR ATTENTION!