SUMMARY HIGHLIGHTS OF THE
18TH MEETING OF THE APEC ENERGY RESILIENCY TASK FORCE (ERTF18)

12 August 2024
Lima Convention Center (LCC), Lima Peru

WELCOME / INTRODUCTION

The ERTF18 was held on 12 August 2024 in Lima, Peru. The meeting was co-chaired by the Philippines and the United States (US) and attended by officials and representatives from the 20 APEC Member Economies, as well as APERC, APSEC, EWG Lead Shepherd and APEC and EWG Secretariats.

The Co-Chairs welcomed the participants and thanked the Ministry of Energy and Mines for hosting ERTF18. Both acknowledged the growing importance of energy resiliency in the face of increasing climate-related disasters and energy disruptions. Likewise, the Philippines emphasized the significance of collaborative efforts in building resilient energy systems, while the US highlighted the economic and human toll of billion-dollar weather and climate disasters in the region.

Without further comments, the meeting adopted the ERTF17 agenda.

APEC ENERGY RESILIENCY RESPONSE SINCE ERTF17

The Philippine Co-Chair invited the members to present their respective energy resiliency responses since ERTF16. There being none, the Philippines voluntarily presented its updates with the following three major energy resiliency initiatives:

a. Inauguration of the Energy Sector Emergency Operating Center (ESEOC) to respond to disasters affecting energy supply.
b. Establishment of the Mobile Energy System to provide renewable energy as backup or primary source.
c. Development of an Energy Resiliency Scorecard to benchmark energy resilience.

The US Co-Chair then shared a snapshot of its billion-dollar worth of weather and climate disasters that happened across the US, underscoring the urgency of resiliency efforts.

Singapore also shared its energy resiliency efforts and discussed the following initiatives:

a. Collaboration with global agencies to meet energy demand and ensure safety.
b. Launch of challenges for cleaner and more efficient power generation.
c. Awarding of a third-generation company operating a Combined-Cycle Gas Turbine (CCGT) with 10% lower carbon intensity, capable of running on hydrogen by 2028.

COMPLETED APEC ENERGY RESILIENCY PROJECTS

The following two completed projects from US and APSEC were also reported during the meeting:

a. Microgrids for a Just Energy Transition (EWG 04 2023S) – US

- Workshop organized by Pacific Northwest National Laboratory and UL Solutions.
- Aimed to build capacity in deploying microgrid technologies for a sustainable and just energy transition
- Supported the project Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment (EWG 208 2023A).

b. Demonstration Promotion of Energy Resilience Tool Based on Solar Power Insured for Natural Disasters – APSEC

Completion reports of the above projects are available at the APEC website.

CURRENT ENERGY RESILIENCY PROJECT UPDATES

A total of four ongoing projects led by APSEC, APERC, and the US were also reported during the meeting:

a. Data Driven Carbon Neutral Disaster Resilient Cities (EWG 04 2022A) – APSEC conducted an Online Training of Trainers in August 2023 which was attended by 65 participants from APEC member economies, as well as the Hybrid Multistakeholder Dialogue which was physically held in Indonesia in February 2024.
b. Practical Experience and Prospect of Energy Access in APEC Region (EWG 05 2022S) – APSEC conducted a seminar on technical innovation and equipment products scheduled for September 2024.
c. APEC Energy Resiliency Enhancement Project (EWG 09 2021A) – APERC activities focused on raising awareness, formulating guidelines, and clarifying evaluation indicators.
d. Driving Trade & Investment for DC Power Systems and Microgrid Frameworks Through Public Policy Alignment – US continue to promote energy security and low-carbon systems through regulatory harmonization.

NEW / PLANNED ENERGY RESILIENCY RELATED PROPOSAL

Chile presented its new project titled, “Building Resilient Energy Policies in Asia Pacific” which will be co-sponsored with Japan, Australia, Canada, Chinese Taipei, and the US. A two-day workshop is planned to be held in Santiago, Chile to share best practices and develop guidance methodology.

NEXT STEPS / WRAP UP

The APEC Secretariat and Lead Shepherd raised concerns about the future of ERTF and proposed integrating it with other expert groups on an annual basis. EWG members were encouraged to deliberate and decide on this proposal during EWG68 meeting.

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