

EGEEEC Governance Issue

**The 64th Meeting of APEC Expert Group on Energy Efficiency
& Conservation (EGEEEC 64)**



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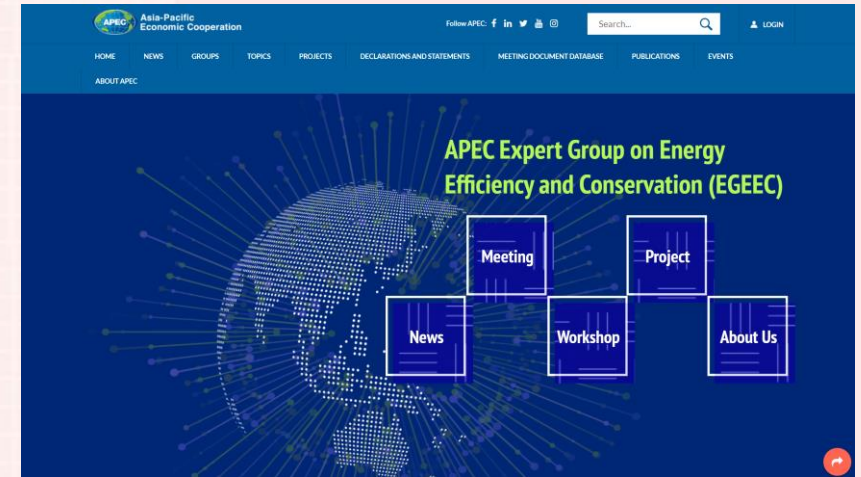
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EGEEEC Contact List

- The EGEEEC Contact List was updated and circulated to members on 20 March 2025.
- Members are encouraged to nominate experts from APEC economic members to join the EGEEEC.
- Members are encouraged to regularly review and update the EGEEEC contact list to build capacity and share knowledge in energy efficiency and conservation-related policy.

EGEE&C Website <https://www.apec.org/egeec>

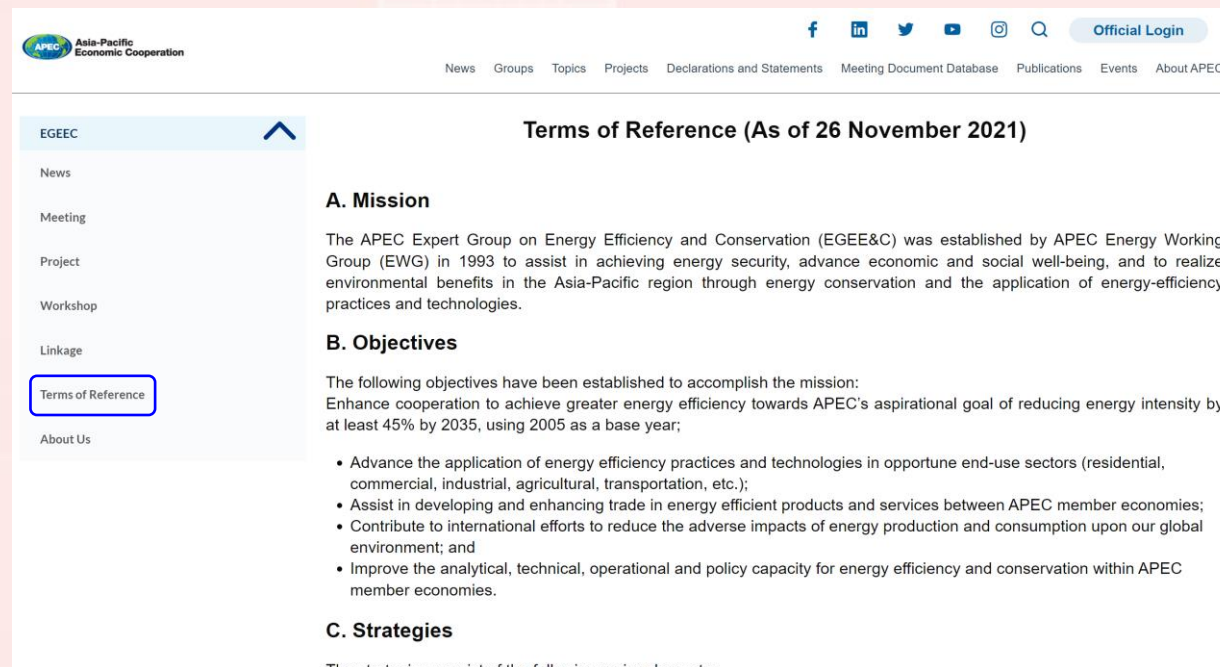
- The EGEEC website is available to promote the sharing of energy efficiency and conservation information.
- Meeting documents and meeting summary of EGEEC63 held in Tianjin were uploaded on the EGEEC website.
- Members are encouraged to send the meeting documents to the EGEEC Secretariat for uploading on the EGEEC website.
- Members are encouraged to proposed information to be shared on the EGEEC website.



Meeting	Date	Host Economy	Meeting Documents	
EGEEC 63	6-7 November 2024	Tianjin, China	Agenda	Summary 
EGEEC 62	20-23 May 2024	Nanjing, China	Agenda	Summary 
EGEEC 61	16-19 October 2023	The Philippines	Agenda	Summary 

Terms of Reference

- The EGEEC ToR was endorsed by SOM on 26 November 2021. The EGEEC To has term of four years starting from 1 January 2022 to 31 December 2025.
- The draft EGEEC ToR for 2026-2029 is endorsed by EGEEC members as no comments were received as of 10 January 2025. The draft was submitted to the EWG members for their endorsement.



The screenshot shows the official website of the EGEEC. The header includes the APEC logo and navigation links for News, Groups, Topics, Projects, Declarations and Statements, Meeting Document Database, Publications, Events, and About APEC. A sidebar on the left lists various sections, with 'Terms of Reference' highlighted. The main content area is titled 'Terms of Reference (As of 26 November 2021)' and is divided into three sections: A. Mission, B. Objectives, and C. Strategies. The 'Terms of Reference' link in the sidebar is highlighted with a red box.

EGEEC

News

Meeting

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Terms of Reference

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Terms of Reference (As of 26 November 2021)

A. Mission

The APEC Expert Group on Energy Efficiency and Conservation (EGEE&C) was established by APEC Energy Working Group (EWG) in 1993 to assist in achieving energy security, advance economic and social well-being, and to realize environmental benefits in the Asia-Pacific region through energy conservation and the application of energy-efficiency practices and technologies.

B. Objectives

The following objectives have been established to accomplish the mission:
Enhance cooperation to achieve greater energy efficiency towards APEC's aspirational goal of reducing energy intensity by at least 45% by 2035, using 2005 as a base year;

- Advance the application of energy efficiency practices and technologies in opportune end-use sectors (residential, commercial, industrial, agricultural, transportation, etc.);
- Assist in developing and enhancing trade in energy efficient products and services between APEC member economies;
- Contribute to international efforts to reduce the adverse impacts of energy production and consumption upon our global environment; and
- Improve the analytical, technical, operational and policy capacity for energy efficiency and conservation within APEC member economies.

C. Strategies

The strategies consist of the following major elements:

Selection of EGEEEC Chair and Vice Chair

- Dr LIU Meng and Ms Jovian CHEUNG have been serving as EGEEEC Chair and Vice-Chair, respectively, for two-years since July 2023 and will end their term by June 2025.
- EGEEEC Chair and Vice Chair for the term July 2025 to June 2027 will be selected.
- During the nomination period from 10 March 2025 to 7 April 2025, nominations received are as follows:

One (1) nomination for China for the EGEEEC Chair position:

- Dr Liu Meng

One(1) nomination from Hong Kong China for the EGEEEC Vice-chair position:

- Ms CHEUNG Man Chit Jovian



APEC EGEE&C Chair or Co-chair Nomination Form

Nomination for EGEE&C Chair / Co-chair* Selection
(please cross out inappropriate)

Mr. / Mrs. / Ms. / Dr. / Other: (please specify) *(please cross out inappropriate)

Name of Candidate: LIU Meng

Economy: People's Republic of China

Organisation: China National Institute of Standardization

Position: Co-leader of Energy Conservation and Low Carbon Group/Associate research fellow

CV: Dr. Liu received his Ph.D degree in Engineering Thermophysics from Graduate School of Chinese Academy of Sciences. He then joined the Branch of Resources and Environment, China National Institute of Standardization (CNIS) in 2008. His main research interests focus on energy standardization and energy conservation policy.

He is actively involved in the international activities on energy efficiency and conservation since 2011. He plays important roles in the International Organization for Standardization (ISO) for energy efficiency and solar energy standardization. He is the Chair Advisory Group Member of the ISO Technical Committee on Energy Management and Energy Savings (ISO/TC301/CAG) which strategically steers the development of the famous ISO 50001 *Energy Management System* (EnMS), and he also worked as the convenor during 2012-2016 in leading the development of international standard of ISO 17741:2016 *General technical rules for measurement, calculation and verification of energy savings of projects*. He is the Committee Manager of the ISO Subcommittee on Solar Energy System-Thermal Performance, Reliability and Durability (ISO/TC180/SC4) with the responsibility of managing the operation of the subcommittee and organizing the

development of related international standards, and he also worked as the co-leader during 2012-2022 in leading the development of international standards of ISO 24194:2022 *Solar energy — Collector fields — Check of performance* and the series ISO standards on solar collector components and materials. He is the Executive Council Member of IEA Energy Efficient End-use Equipment (IEA 4E) and co-proposed the on-going IEA 4E project on Test Procedure and Methods for Air-conditioner.

In China, Dr. Liu is the Secretary-General of National Technical Committee on Standardization for Energy System (SAC/TC459) with the responsibility of managing and organizing the development of national standards on energy system optimization, and he led/co-led the development of over 20 China national standards for energy system optimization in industrial sectors of Iron&Steel and Oil refining, MEPS of end-use products (air conditioners, washing machines, etc.), smart district energy system, CCHP, energy savings evaluation and energy audit, etc. He received the Scientific And Technological Achievement Awards from Chinese government in 2018 and 2020 respectively for his contributions in developing standards for energy efficiency of washing machine and for energy savings evaluation of electric motor system. In addition, he also received "Excellent Standard Award" from China National Petroleum Corporation (CNPC) in 2020 for his contribution in developing standard for energy system optimization in oil refining plants.

He is the Secretary-General of of National Technical Committee on Standardization for Solar Energy (SAC/TC402) and he led/co-led about 10 China national standards on solar thermal utilization. In 2020, he received the Scientific And Technological Innovation Award from China Association for Engineering Construction Standardization for his contribution in developing standard on solar energy. He is also the Council Member of China Renewable Energy Society.

Since 2016, Dr. Liu has actively been participating in energy related activities within APEC. As the project overseer, he led the APEC SCSC project of "Best Practices Sharing and Technical Capacity Building for

Measurement and Verification Standards of Energy Savings" in 2016. In April of 2021, he as a speaker was invited to participate the APEC online capacity building workshops under the project "Best Practice Guidelines for Establishing and Enhancing Energy Efficiency Obligation (EEO) Schemes" and gave a presentation on Energy Efficiency Incentives in China. As the peer review team member, he participated the APEC EWG endorsed Peer Review on Energy Efficiency (PREE) in Indonesia held online in November, 2021. Since 2020, he participated the APEC EGEE&C meetings consecutively. In November 2020, he was invited as a speaker to participate the APEC Workshop on District Cooling and Heating Systems and gave a presentation on the development of DCHS in China. As a speaker, he participated the Capacity Building Workshop on APEC's Goals of Doubling the Renewable Energy Share in the Energy Mix and Reducing Energy Intensity held in November, 2022 and gave presentations on Industrial Energy Conservation and Emissions Trading Systems in China.

Dr. Liu is the co-author of the *Annual White Paper for the Energy Efficiency Status of China Energy-Use Products* since 2010 and also the co-author of the *Energy Savings Evaluation*.

CONTACT

Address:
4 Zhichun Rd., Haidian
District, Beijing, China

Phone:
0086 10 58811128

Email:
liumeng@cnis.ac.cn



APEC EGEE&C Chair or Vice-chair Nomination Form

Nomination for EGEE&C Chair / Vice-chair *
Selection *(please cross out inappropriate)

Mr. / Mrs. / Ms. / Dr. / Other: (please specify) *(please cross out inappropriate)

Name of Candidate: CHEUNG Man Chit Jovian

Economy: Hong Kong, China

Organisation: Electrical and Mechanical Services
Department, Government of the HKSAR

Position: Senior Engineer

CV: Ms. Cheung joined the Electrical and Mechanical Services Department (EMSD) in 1999 as a building services engineer trainee and has advanced to her current position as Senior Engineer. Throughout her career, she has demonstrated exceptional expertise in electrical and mechanical (E&M) engineering services, contributing significantly to improvements in the built environment and quality of life in Hong Kong.

From 2001 to 2009, Ms. Cheung was seconded to the Architectural Services Department, where she played a crucial role in the design and construction of various government buildings and facilities. This experience laid the groundwork for her future contributions to energy efficiency. After returning to EMSD in 2009, she focused on providing a wide range of E&M engineering services for government buildings, consistently emphasizing energy-efficient solutions.

Ms. Cheung's commitment to energy management and efficiency was recognized in 2014 when she received the "Asia-Pacific Energy Engineers Association" award. This accolade acknowledged her outstanding efforts in helping the Hong Kong Police Force achieve long-term energy efficiency. Her pioneering work in energy efficiency for critical infrastructure, particularly in public hospitals and

clinics, earned her the prestigious "Institute of Energy Engineers Asia-Pacific Energy Project of the Year Award" in 2017 and the "Chartered Institution of Building Engineers Digital Award" in 2018. These awards highlight her continuous exploration and application of innovative technologies in achieving energy conservation and environmental protection goals. Her leadership has led to the acquisition of four HKSAR invention patents, further solidifying her status as an innovator in energy efficiency. Furthermore, she received Gold and Bronze awards at the International Exhibition of Inventions Geneva in 2022 and 2023.

In the APEC arena, Ms. Cheung has made significant contributions since 2019. She served as the secretary to the Chairman of the APEC Energy Efficiency and Conservation Expert Group (EGEE&C) from 2019 to 2023, overseeing the group's day-to-day operations. In 2023, she was elected Vice-chair of EGEE&C for the 2023-2025 term, where she co-chairs meetings and reports progress to the APEC Energy Working Group. Her organizational skills have been highlighted through her coordination of EGEE&C meetings, as well as the Expert Group Energy Data Analysis and Expert Group on New and Renewable Technologies meetings in Hong Kong. As an APEC Project Manager, Ms. Cheung has led the development of seven APEC-funded and self-funded projects, enhancing regional energy cooperation and promoting energy efficiency across the Asia-Pacific region.

Beyond her professional achievements, Ms. Cheung is actively involved in community and engineering services. She has held leadership positions in various professional organizations, including serving as Chairlady of the Young Engineers of the Chartered Institute of Building Services Engineers (Hong Kong Branch) and as a Council Member of the Hong Kong Institution of Engineers. Currently, she is the President-elect of the Institute of Energy Engineers (Hong Kong Branch), where she advocates for energy efficiency and sustainable engineering practices.

Ms. Cheung's extensive experience in energy efficiency, project management skills, and leadership roles within APEC and various professional

organizations make her an immaculate candidate for the EGEE&C Vice-chair position. Her dedication to promoting energy efficiency and sustainable practices throughout her career demonstrates her capacity to drive meaningful change in this crucial role, contributing to APEC's goal of reducing energy intensity across the region.

CONTACT

Address:
Electrical and
Mechanical Services
Department
Headquarters,
3 Kai Shing Street,
Kowloon, Hong Kong

Phone:
852 9166 0001

Email:
joviancheung@emsd.gov.hk



Asia-Pacific
Economic Cooperation

Summary of EGEEC Meetings (2017-2026)



Year	Meeting	Location	Joint Meeting
2017	EGEEC 49	Jeju, Republic of Korea	✓ (EGNRET)
	EGEEC 50	Moscow, Russia	
2018	EGEEC 51	Washington D.C, USA	
	EGEEC 52	Chiang Mai, Thailand	✓ (EGNRET)
2019	EGEEC 53	Hong Kong, China	✓ (EGNRET)
	EGEEC 54	Cebu, The Philippines	
2020	EGEEC 55	Hong Kong, China	✓ (EGEDA)
2021	EGEEC 56 (Online)	Chinese Taipei	✓ (EGNRET)
	EGEEC 57 (Online)	Australia	
2022	EGEEC 58 (Online)	China	
	EGEEC 59 (Online)	Thailand	✓ (EGNRET)
2023	EGEEC 60 (Hybrid)	Hong Kong, China	
	EGEEC 61	The Philippines	✓ (EGNRET)
2024	EGEEC 62	China	✓ (EGCFE)
	EGEEC 63	China	✓ (APSEC)
2025	EGEEC 64	Hong Kong, China	✓ (EGCFE, EGEDA & EGNRET)
	EGEEC 65	Republic of Korea	✓ (EGNRET)
2026	EGEEC 66	Thailand	✓ (EGNRET)
	EGEEC 67	PRC and The Philippines expressed interest	

Upcoming EGEEEC Meetings:2025

EGEEEC Meetings in Second-half of 2025: **Korea**

- Joint meeting with EGNERT
 - APERC, will organize a one-day in-person workshop will be held in conjunction with the EGEE65 meeting, under the APEC Project “Capacity Building Workshop for Energy Efficiency and Conservation Policy” (EWG_205_2024A).
 - Chinese Taipei, will organize a two-day in-person workshop will be held in conjunction with the EGEE65 meeting, under the APEC Project “Electric Fans Energy Efficiency Improvement in APEC Region: Review of Experience and Best Practices” (EWG_203_2024A).

The secretariat will follow up with Host Economy on the arrangement of the meeting and circulate the detail to all EGEEEC members soon.

Upcoming EGEEC Meetings:2026

EGEEC Meetings in 2026

- **Thailand**, will hold the 66th EGEEC meeting in the 1st half of 2026, in conjunction with the EGNRET.
- **China**, the host of APEC 2026, would like to host the 67th EGEEC meeting in the 2nd half of 2026.
- **Philippines** has also expressed interest in hosting an EGEEC meeting next year.

The secretariat will follow up with Host Economy on the arrangement of the meeting and circulate the detail to all EGEEC members soon. and Member economies who are interested in hosting the EGEEC meeting are encouraged to contact the EGEEC Secretariat

Upcoming EWG Meeting

- Korea would host the 70th Energy Working Group Meeting (EWG70) and the 15th APEC Energy Minsters' Meeting on 24-30 August 2025 in Busan.

THANK YOU