



ASIA PACIFIC ENERGY RESEARCH CENTRE (APERC)

REPORT ON APERC ACTIVITIES

**THE 70TH MEETING OF
THE APEC ENERGY WORKING GROUP (EWG70)**

25-26 AUGUST 2025

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I. PROGRESS IN ONGOING WORK

1. Research Activities

A. APEC ENERGY DEMAND AND SUPPLY OUTLOOK

BACKGROUND

APERC had previously produced eight editions of the APEC Energy Demand and Supply Outlook.

OBJECTIVE

The key objectives of the APEC Energy Demand and Supply Outlook are to facilitate APEC cooperation by providing policymakers with:

- a useful reference on energy in the APEC region
- a statistically supported review of the challenges and opportunities facing the APEC economies individually and as a region
- a source of ideas and approaches for evaluating these energy challenges and identifying potential solutions and opportunities.

PROGRESS

Work on the Outlook 9th edition is underway.

The 9th edition uses APEC energy data for 2022 as the starting point for the projections. The analysis and projections are more transparent than previous editions and rely on open-source software for power sector optimization. The modelling tools developed for Outlook are being used for training activities in APEC economies.

APERC researchers are now finalizing the text and charts for the 9th Edition Outlook to be published in October 2025. Two scenarios (Reference Scenario and Target Scenario) are modelled, with projections now extending to 2060.

Modelling for all economies (including revisions/amendments) is completed.

MILESTONES

The Outlook 9th edition is scheduled to be published in October 2025.

B. APEC ENERGY OVERVIEW

BACKGROUND

At the EGEDA 11th meeting held in March 2000, the APEC Energy Overview was proposed by Australia and approved at the EWG19 meeting in April 2000.

The APEC Energy Overview is an annual publication, which contains updated energy demand/supply data as well as a description of energy policies and notable energy developments in energy efficiency, infrastructure development, upstream development, energy source diversification, regulatory reform and environmental protection.

Progress of APEC goals on energy intensity and renewable share has been tracked and analysed each year. The economy's respective energy transition programs were likewise regularly discussed.

Energy demand/supply data are drawn from the APEC Energy Database. APERC is responsible for coordinating information gathered from member economies and preparing a draft Overview for EGEDA review. The Overview is published on both the APEC and APERC websites.

Since the inaugural issue of the 2001 edition, 24 editions have been issued up to 2025.

OBJECTIVE

The objective of the APEC Energy Overview is to share information on the energy policies of member economies and provide useful information and insights to policymakers in the region.

PROGRESS

The APEC Energy Overview 2025 was published on the APEC and APERC websites in July 2025.

MILESTONE

Processing of data for the APEC Energy Overview 2026 is ongoing.

C. TOPICAL STUDIES

BACKGROUND

Along with the Outlook and the Overview, APERC has been conducting research on topics relevant to energy issues and policies in the APEC region.

OBJECTIVE

The objective of the topical studies is to share information on member economies' energy policies and provide useful information and insights to policymakers in the region.

PROGRESS

Since 2017, three separate studies focusing on coal, oil, and natural gas have been designed to support the Expert Group on Clean Fossil Energy (EGCFE) in broadening its perspective. In 2023, a fourth report focusing on hydrogen was added to the series to support both EGCFE and the Expert Group on New and Renewable Energy Technologies (EGNRET). The reports review supply, demand, trade, and price developments over the past 10-20 years and projected developments over the next 5-7 years.

The drafts of each of the four APERC Fossil Fuel Reports 2024 were presented at the EGCFE 2025 meeting in Hong Kong, China, in April 2025, which was held in conjunction with the Joint Meeting of the four Expert Groups of the APEC Energy Working Group (EWG).

APERC published the four APERC Fossil Fuel Reports in the first half of 2025.

MILESTONE

Following the publication of the APEC Energy Demand and Supply Outlook - 9th edition and completion of the associated roadshow visits to member economies, APERC will select the research topics for 2026.

2. Accepting Trainees and Dispatching Experts

BACKGROUND

APERC accepts energy modelling trainees, chiefly from developing economies in the APEC region. These trainees learn about preparing energy demand and supply outlooks and related matters.

APERC also sends experts to APEC economies to help develop energy data and prepare energy demand and supply outlooks, including experts on modelling techniques such as data management, energy balance preparation, macroeconomic modelling, and energy supply planning.

OBJECTIVE

The objective is to build the capacity of APEC economies in energy data management and project energy demand and supply.

PROGRESS

APERC dispatched experts to Thailand for a training course on end-use energy modelling and the LEAP software in January 2025.

APERC held the 31st APEC Seminar on Energy Modelling on 3-7 March 2025. Eleven trainees from 8 economies participated.

MILESTONE

APERC awaits requests from APEC economies to send experts.

The cooperation course on “Energy Future of the Asia-Pacific Region” at Kyoto University Graduate School of Energy Science for the school year 2025-2026 will start in October 2025.

APERC will organize the 32nd APEC Seminar on Energy Modelling in March 2026.

3. Building Energy Data Network

BACKGROUND

APERC has built an online communication network with energy organizations in APEC member economies. The network allows uniform management of energy data submitted by APEC economies and the preparation of energy balance tables based on the data.

APERC also serves as the Secretariat of the APEC Expert Group on Energy Data and Analysis (EGEDA), which meets once a year.

APERC supplies data provided by APEC member economies to the Joint Organisations Data Initiative's (JODI) database and works jointly with member economies to improve data quality.

In addition, to upgrade the Energy Data Network, APERC started to accept energy statistics trainees from developing APEC economies under the EGEDA Training Program on Energy Statistics. APERC also started to send experts to APEC economies to help improve the quality of their energy statistics.

OBJECTIVE

The key objectives are:

1. To improve the availability and consistency of energy data and to develop, manage and review the operation of an up-to-date and consistent APEC Energy Database, principally covering energy demand and supply data.
2. To continue to develop an APEC energy data collection and dissemination network.
3. To participate in international cooperation/collaboration activities on energy statistics with the United Nations Statistics Division (UNSD), International Energy Agency (IEA), the International Renewable Energy Agency (IRENA), the Joint Organisations Data Initiative (JODI), and other international organizations.
4. To implement energy statistics training courses for APEC member economies.
5. To track the APEC aspirational goals on reducing energy intensity by 45% in 2035 from 2005 levels and doubling the 2010 share of renewable energy in the APEC energy mix by 2030 and other similar measurable goals that may be set by the energy ministers.
6. To report to and advise the APEC EWG on each of the above activities.

PROGRESS

In April 2015, APERC established the internal Energy Statistics & Training Office (ESTO) to ensure efficient progress with activities described under points 3 and 4 above.

APERC collected and processed the 2022 annual energy supply and demand data from the 21 member economies. The APEC Energy Statistics 2022 and APEC Energy Handbook 2022 were published in May 2025. APERC decided to print only the latter, while the former was made available online.

The 22nd APEC Workshop on Energy Statistics, focusing on tracking the progress of capacity built from the last workshops was held on 23-26 July 2024 in Tokyo, Japan. The workshop aimed to follow up on improvements in data collection made by member economies after the previous workshops that EGEDA conducted in 2020, 2021, 2022, and 2023. Experts from IEA, IRENA, and the US EIA were invited as guest speakers.

As for the EGEDA Training Program on Energy Statistics for the fiscal year 2024/2025, the short-term course was held from 10-21 February 2025. There were 11 participants from 8 economies namely: Indonesia, Malaysia, Papua New Guinea, the Philippines, Singapore, Chinese Taipei, Thailand, and Viet Nam.

MILESTONE

APERC is still collecting the 2023 annual energy supply and demand data and hopes to receive all the 21 APEC member economies' data by the end of September 2025. The APEC Energy Statistics 2023 and APEC Energy Handbook 2023 will be published in the first quarter of 2026. While the APEC

Energy Handbook will continue to be printed, the APEC Energy Statistics 2023 will be made available only online.

The 23rd APEC Workshop on Energy Statistics, focusing on end-use energy consumption surveys, will be held on 17-19 September 2025 in Tokyo, Japan. The workshop aimed to provide a venue for the preparation of survey instruments in conducting end-use energy consumption surveys, a discussion of sampling methodologies and the conduct of pilot surveys. Experts from the IEA, the US EIA and government statisticians in member economies will be invited as guest speakers and resource persons.

4. Policy Cooperative Activities

A. CAPACITY-BUILDING WORKSHOPS FOR ENERGY EFFICIENCY AND CONSERVATION POLICY (CBWS/EECP)

BACKGROUND

Since 2009, APERC has been conducting the APEC Peer Review on Energy Efficiency (PREE) project in response to the APEC Leaders' Sydney Declaration of September 2007. This was a voluntary peer review mechanism aimed at assisting members in developing policies that improve energy efficiency. In view of its success, PREE has expanded into several activities such as:

- 1) The Follow-up PREE that started in 2012 aimed at following up on the implementation of recommendations at the former hosting economies.
- 2) The Energy Efficiency Policy (EEP) Workshop succeeded CEEDS* and was conducted from 2016 to 2024 with the same purpose as CEEDS.

*Cooperative Energy Efficiency Design for Sustainability (CEEDS was an APEC project conducted from 2010 - 2013, providing a capacity-building opportunity for robust policymaking development in APEC

As of 2024, APERC has successfully completed 13 phases of the PREE project, comprising of 11 PREEs, seven Follow-up PREEs, and eight EEP workshops. The last of the activities included the Follow-up PREE in Chile, conducted from 6 to 10 May 2024 and the 8th EEP workshop held on 5 November 2024. All reports are posted on the [APEC](#) and [APERC websites](#).

To respond to a broader need for capacity building on energy efficiency that will benefit a wider number of APEC members, APERC developed the project Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP) to succeed the PREE project.

In the global race to energy transition toward decarbonization, APEC will play an essential role as the region includes some of the world's largest energy-consuming member economies. There should be various pathways in the energy transition based on different economic and energy situations. Each economy needs to have the energy policy formation capacity to choose its best pathway

The CBWS/EECP is a one-day workshop with a different focus theme in each workshop to be held in conjunction with the EGEEC biannual meeting. The workshop will try to address the APEC members' increasing concern about developing policies and programs towards energy transition. Specifically, CBWS/EECP aims for the following:

OBJECTIVE

- Identifying common challenges to improving energy efficiency of the member economies.
- Sharing best practices from the members based on the selected case or theme; and
- Proposing new ideas or recommendations to improve the energy efficiency of the member economies.

PROGRESS

In 2024, APERC proposed the CBWS/EECP Phase 1 project, which was endorsed and approved for APEC funding in November 2024.

In 2025 Project Session 2, APERC proposed the CBWS/EECP Phase 2 project. The Concept Note was endorsed and an APAS version was created.

MILESTONE

The kick-off workshop will be held in November 2025 in Seoul, Korea, during the joint EGEE65/EGNRET63 meeting and Associated Workshops. Preparation for the workshop is ongoing.

B. CAPACITY-BUILDING WORKSHOPS FOR NEW AND RENEWABLE ENERGY POLICY (CBWS/NREP)

BACKGROUND

In response to the Fukui Declaration in June 2010, APERC conducted the Peer Review on Low-Carbon Energy Policies (PRLCE) project. Modelled after PREE, PRLCE assisted volunteer economies in developing policies that support energy security and environmental protection through promoting low-carbon energy supply (e.g. renewable energies).

Since 2012, APERC has completed five phases of the PRLCE project, which consisted of seven PRLCEs. The last activity was the successful holding of the PRLCE in Peru from 5-7 December 2023. The reports were published on both the [APEC](#) and [APERC websites](#).

To respond to a broader need to promote new and renewable energy that will benefit a wider number of APEC members, Japan developed the project Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP) to succeed the PRLCE project.

The workshop aims to build the members' policy capacities in promoting new and renewable energy (NRE) and contribute to the global energy transition, doubling the share of modern renewables in the energy mix and achieving other NRE-related goals.

The CBWS/NREP is a one-day workshop with a different focus theme in each workshop to be held in conjunction with the EGNRET biannual meeting. The workshop will try to address the APEC members' increasing concern about developing policies and programs towards energy transition. Specifically, CBWS/NREP aims for the following:

OBJECTIVE

- Identifying common challenges in implementing new and renewable energy-related policies of the member economies.
- Sharing best practices among members based on the selected case.
- Proposing new ideas to improve the existing or, in the absence of any, develop new and renewable energy policies of the member economies

PROGRESS

In 2024, APERC proposed the project Capacity-Building Workshops for New and Renewable Energy Policy (CBWS/NREP) and was approved for APEC funding. CBWS/NREP will be held in conjunction with the EGNRET biannual meetings from 2025/2026 onward.

MILESTONE

The kick-off workshop will be held in conjunction with the EGNRET64 meeting in the first half of 2026. The specific date and venue are pending confirmation from the host economy.

C. OIL & GAS SECURITY INITIATIVE (OGSI)

BACKGROUND

APEC Energy Ministers met in St. Petersburg, Russia, from 24 to 25 June 2012. They encouraged the EWG and APERC to work on activities to improve the response to oil and gas emergency situations, including emergency response workshops and exercises. EWG and APERC are expected to perform these activities in collaboration with the International Energy Agency (IEA) and the Association of Southeast Asian Nations (ASEAN).

This instruction by energy ministers was confirmed at the highest level: APEC leaders agreed to promote activities to improve the response to oil and gas emergency situations in the APEC region at Vladivostok, Russia, from 8 to 9 September 2012.

As part of the APEC Oil & Gas Security Exercises (OGSE), APERC organized two fora and two exercises. The first Security Forum, a kick-off meeting, was held from 18 to 19 April 2013 in Tokyo. Scenarios for the Security Case Study Exercises were developed by APERC with the cooperation of outside experts. The first exercise was a joint exercise by Southeast Asian APEC economies from 17 to 19 September 2013, held in Bangkok, Thailand. The second exercise was carried out for Indonesia from 22 to 24 October 2013 in Jakarta. The results of the two exercises were presented at the second Security Forum, a wrap-up meeting held on 25 March 2014 in Tokyo. Likewise, APERC's survey on the Development of APEC's Approach to Oil and Gas Security was drafted and discussed during the said Forum. Results of the Exercises and the survey were compiled into a Final Report, which was presented to the EWG47 meeting.

In reporting the result of OGSE to the EWG47 meeting, APERC proposed the APEC Oil & Gas Security Initiative (OGSI), a new project that succeeded OGSE. OGSI consists of three pillars: Oil & Gas Security Exercise (OGSE) on a voluntary basis and not on a scheduled basis, Oil & Gas Security Network (OGSN) by officials in charge of oil and gas security policy in each economy, and Oil & Gas Security Studies (OGSS) on research topics related to oil and gas security in the APEC region.

OGSI was endorsed as an APEC Self-Funded project at the EWG48 meeting.

OBJECTIVE

The key objectives of OGSI's major pillars are:

1. To provide vital information on global developments and issues on oil and gas security;
2. To share experiences and insights on the challenges confronting the APEC economies relating to oil and gas security and supply emergency threats; and
3. To establish and apply APEC Oil and Gas Security Exercise Model Procedure as a guiding framework to address different emergency supply scenarios.

PROGRESS

The Philippines volunteered to undertake the 1st APEC Oil and Gas Security Exercise (OGSE) under the Oil and Gas Security Initiative, focusing on oil and gas supply emergencies. The OGSE in the Philippines was held in Manila from 7 to 9 December 2015. This OGSE was also the first case to apply and test the implementation of the APEC Oil and Gas Security Exercise Model Procedure (EMP). The report of OGSE in the Philippines was presented at the second Energy Resiliency Task Force meeting held in conjunction with the EWG51 meeting.

The 2nd OGSE in Australia was held in Melbourne from 29 to 31 March 2017 with a focus on regional capacity building. Representatives from Indonesia, the Philippines, and Thailand also participated.

The 3rd OGSE in Peru was held in Lima from 6 to 8 November 2017. Its final report was published on the APEC and APERC's websites in July 2018.

The 4th OGSE in Chile was held in Santiago from 13 to 15 March 2019. It was a 'blind' exercise where participants were briefed about hypothetical oil and gas supply disruptions without prior notice, with seven experts from different institutions forming the Review Expert Team. The final report was endorsed by EWG and has been available on the APEC and APERC websites since December 2019.

The 5th OGSE, which was postponed in 2020 due to the COVID-19 pandemic took place in Bangkok from 6 to 8 September 2023 hosted by the Ministry of Energy of Thailand. The exercise covered the supply emergency scenarios in oil and gas. The summary report was approved and published on both APEC and APERC websites in February 2024.

The 6th OGSE in Indonesia was held in Bali, Indonesia from 3 to 6 February 2025. The drafting of the summary report is ongoing.

The OGS Newsletter, part of the Oil and Gas Security Network (OGSN), has been produced and circulated bi-monthly since December 2014. In conjunction with APERC's independence in April 2020, all articles in the OGS Newsletter have been solely written by the APERC researchers starting from the 33rd issue released in the same month. To date, 64 OGS Newsletters have been released.

The 1st OGSN Forum was held in Kitakyushu City, Japan, from 23 to 24 April 2015 and the initial results of the OGSS as well as EMP were presented. The 2nd OGSN Forum was held in Kagoshima City, Japan, from 10 to 11 March 2016, and APERC reported the implementation of OGSE in the Philippines, the results and the progress of OGSS. Representatives from 19 APEC economies and five international and regional energy organizations participated in the Forum. Australia held a session on the risk management principles for energy security. The 3rd OGSN Forum was held in Irkutsk City, Russia, from 29 to 30 June 2017. The 4th OGSN Forum was held in Tokyo, Japan, from 7 to 8 March 2018 in conjunction with the EGCFE Oil & Gas meeting on 9 March 2018. The 5th OGSN Forum was held in Sendai City, Japan, from 10 to 12 April 2019 in conjunction with the 2nd EGCFE Oil and Gas meeting. The 6th OGSN Forum was virtually held on 21 April 2023 after four years of postponement due to the COVID-19 pandemic in conjunction with EGCFE 2023 on 20 April 2023,

which was the first meeting after the rescoping of the expert group. The 7th OGSN Forum was held in person in Osaka, Japan, from 20 to 21 March 2024.

Six OGSS reports on Oil Supply Security and Emergency Policy in the APEC region, the Impact on Oil Distribution, the Energy Reform in Mexico, Prospects and Compromise Points of the Arab Spring, Petroleum Product Trading and Security, and Melting of the Arctic Sea Ice were published on the APERC website in November 2015. One report on Plans for Fuel Supplies during Disasters in Expectation of Nankai Megathrust Earthquakes was published in October 2016. Four studies on Oil and Gas Security Indexation, Impact of Low Oil Price on Energy Security, Natural Gas Security in APEC, and Superiority of LPG: A Disaster-Resistant Energy Source were published in 2017. Three more reports were published in the summer of 2018: Energy Security of APEC Economies and Changing Downstream Oil Environment, Investments in Natural Gas Supply Chain under the Low Price Environment, and APEC Oil and Gas Security Indexation 2017 Update. In 2019, two reports were completed and published in September: Small-scale LNG in Asia Pacific and Emerging Energy Security Risks in Changing Energy Landscape. The 17th OGSS report entitled “Changing LNG Market Dynamics – Impacts on Supply Security in the APEC Region” was published in September 2020. The 18th OGSS report entitled “Impact of COVID-19 on Oil and Gas Security” was published in April 2022. The 19th OGSS report entitled “Oil and Gas Security During the Energy Transition” was published in September 2023. The 20th OGSS report, “What are the Energy Security Implications of Recent Declines in Both APEC and Global Spare Petroleum Refining Capacity?” was published in April 2025.

MILESTONE

The OGS Newsletter will continue to be published every other month, and the next issue (Issue No. 65) is scheduled to be published by the end of August 2025.

The 9th OGSN Forum will be proposed under the OGS 2026.

The work on the 21st OGSS study, with the theme “The Energy Security Implications of Declining LNG Investment,” is currently being carried out. The key issues and findings will be presented during the EWG 70 Plenary. APERC will commence working on the 22nd OGSS study with the topic “The Energy Security Implications of Upstream Oil Underinvestment”, which was recently approved during the EGC 2025 meeting in Hong Kong, China, on 10 April 2025.

D. APEC WORKSHOP ON CLEANER AND MORE EFFICIENT OPERATION OF THE FOSSIL ENERGY INDUSTRY

BACKGROUND

While APEC member economies have been committed to increasing clean energy supply and promoting energy transitions, fossil energy is still an important part of their energy supply due to the circumstances of resource endowment and stage of development and expected to be so for some time. It is imperative for the fossil energy industry in the APEC region to be as sustainable as possible by reducing emissions and improving efficiency to reduce negative environmental effects while maintaining energy security.

OBJECTIVE

The key objective of the project is building capacity on the following improvement opportunities in the fossil energy industry.

- Electrification opportunities in the fossil energy industry (Electrification of upstream operation, Electrification of midstream and downstream operation, Cogeneration systems in refineries, and Integration of low-carbon electricity in fossil energy industry operations)
- Advanced energy management systems and energy efficiency opportunities in the fossil energy industry (Energy information monitoring, Energy loss monitoring, waste heat recovery, and optimization, and Energy efficiency in upstream operations including opportunities for AI, machine learning, etc.)

This project consists of a capacity-building workshop that will provide the fundamental technical knowledge needed to improve the fossil energy industry in terms of energy efficiency and the associated emissions savings for policymakers and other relevant officials. The project outputs include a background research report, a capacity-building workshop, and a workshop summary report.

PROGRESS

The project proposal for the APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry was endorsed in October 2024.

The capacity building workshop will provide fundamental technical knowledge to policymakers and relevant officials in APEC economies to identify feasible solutions and advice regarding electrification in the fossil energy industry, integration of zero and low-carbon energy in the fossil energy industry, energy and fuel efficiency measures, and the benefits of the associated emissions savings.

Contents of the Workshop were discussed at the EGCFE 2025 in Hong Kong, China, in April 2025.

MILESTONE

The Workshop is planned to be held in Japan in December 2025.

The background research report is currently under final review. It will serve as a reference to refine the content of the workshop. The final agenda is expected to be confirmed in August. Around half of the speakers have already been secured. Preparation of the General Information Circular is now underway.

E. CLEAN AND LOW-CARBON HYDROGEN (CLCH) NETWORK

BACKGROUND

In 2024, the 14th APEC Energy Ministerial Meeting endorsed the APEC Policy Guidance to Develop and Implement Clean and Low-Carbon Hydrogen Policy Frameworks in the Asia-Pacific, marking a significant step toward fostering hydrogen development as a key driver of regional decarbonization and energy resilience. Building on this momentum, the current project seeks to establish a regional network of hydrogen policymakers across APEC economies to support continued policy development and coordination.

OBJECTIVE

This project supports APEC's Policy Guidance on Clean and Low-Carbon Hydrogen by assessing hydrogen promotion initiatives and supporting APEC member economies to develop effective strategies. Through the APEC CLCH Annual Convention and a comprehensive APEC CLCH Policy Progress Report, the project aims to monitor policy development and establish a regional network of

hydrogen policymakers to improve information sharing, strengthen policy coordination, and strategic planning.

PROGRESS

The concept note was endorsed by the EWG members on July 18, 2025.

MILESTONE

The first CLCH Annual Convention will be held in Hong Kong, China, in May 2026 and will focus on demand creation, the exchange of best practices, and the development of a coherent and integrated hydrogen market across the Asia-Pacific region.

To support the successful organization of the Convention, a working-level preparatory meeting will be held in September 2025.

The Progress Report will provide a baseline assessment of hydrogen policy developments in APEC and will be updated annually to monitor progress, identify opportunities, and support strategic planning. Key outcomes from the May 2026 Convention will be disseminated through APEC channels to inform future policy coordination efforts.

II. FUTURE WORK PLAN

APERC's Future Work Plan is designed to assist EWG in responding to the instructions by APEC Energy Ministers for the coming years as described in Part I.

APERC conducts research activities, particularly producing the *APEC Energy Demand and Supply Outlook*. In addition, APERC, as the designated executant, assists project overseers by carrying out APEC projects on the condition that a budget from the APEC fund is approved for those projects by the APEC BMC.

As agreed in EWG47, APERC is now directly responsible to EWG. APERC will keep close cooperation with the Expert Group of Energy Data and Analysis (EGEDA) as well as other expert groups and taskforces under EWG in planning and implementing its activities.

1. Research Activities

A. APEC ENERGY DEMAND AND SUPPLY OUTLOOK

The Outlook 9th edition is scheduled to be published in October 2025.

B. APEC ENERGY OVERVIEW

Drafting of APEC Energy Overview 2026 is expected to commence in November 2025.

C. TOPICAL STUDIES

APERC will publish three Fossil Fuel Reports (Coal, Gas, and Oil) in 2025 in support of the EGCFE and a Hydrogen Report in 2025 in support of both the EGCFE and EGNRET. In addition, APERC

will encourage its researchers to conduct research on energy affairs and policies in the APEC region for the interest of APEC economies.

2. Accepting Trainees and Dispatching Experts

APERC awaits requests from APEC economies to send experts.

The cooperation course on “Energy Future of the Asia-Pacific Region” at Kyoto University Graduate School of Energy Science for the school year 2025-2026 will start in October 2025.

APERC will organize the 32nd APEC Seminar on Energy Modelling in March 2026.

3. Building Energy Data Network

The following are the plans for FY2025/2026:

1. Collect, process and analyze the 2023 annual energy demand and supply data,
2. Publish the APEC Energy Statistics 2023 and APEC Energy Handbook 2023,
3. Hold the EGEDA short-term training course on energy statistics in January 2026,
4. Participate in international cooperation on energy statistics such as the Energy Statistics Development Group (ESDG) of IEA, JODI, International Energy Statistics (InterEnerStat) meetings, etc.

4. Policy Cooperative Activities

A. CAPACITY-BUILDING WORKSHOPS FOR ENERGY EFFICIENCY AND CONSERVATION POLICY (CBWS/EECP)

To succeed PREE activities, APERC will hold Capacity-Building Workshops for Energy Efficiency and Conservation Policy (CBWS/EECP) in conjunction with the EGEEC biannual meetings from 2025 onward. Phase 2 of the project was proposed in the 2025 Project Session 2.

B. CAPACITY-BUILDING WORKSHOPS FOR NEW AND RENEWABLE ENERGY POLICY (CBWS/NREP)

To succeed PRLCE activities, APERC will hold Capacity-Building Workshops for New and Renewable Energy Policy in conjunction with the EGNRET biannual meetings from 2026 onward.

C. OIL & GAS SECURITY INITIATIVE (OGSI)

Malaysia will host the seventh OGSE in 2026.

APERC will continue to issue the OGS Newsletter every other month. The 9th OGSN Forum will be proposed under the OGSI 2026.

Upon completion of the 21st OGSS, APERC will commence working on the 22nd OGSS study with the topic “The Energy Security Implications of Upstream Oil Underinvestment.”

D. APEC WORKSHOP ON CLEANER AND MORE EFFICIENT OPERATION OF THE FOSSIL ENERGY INDUSTRY

The Workshop is planned to be held in Japan in December 2025.

E. CLEAN AND LOW-CARBON HYDROGEN (CLCH) NETWORK

The first CLCH Annual Convention will be held in Hong Kong, China, in May 2026.

III. RESEARCH MANAGEMENT

1. APERC Annual Conference

The APERC Annual Conference is held to gather experts from around the world to help APERC's research activities.

The 2026 APERC Annual Conference is planned to be held from 22 to 23 April 2026.

2. APERC Advisory Board

Establishing the APERC Advisory Board was endorsed by the EWG16 meeting in Cairns, Australia, in August 1998. The Terms of Reference were endorsed by the EWG17 meeting in Oakland, the United States, in April 1999.

The Advisory Board is a group of representatives of major research institutions located in the APEC region who help facilitate APERC's cooperative research. Its primary role is to give professional advice on APERC's ongoing and proposed research, such as methodologies, approaches, databases, and information sources, as well as relevant experts to be involved. APERC carefully considers the advice provided by its Advisory Board members in proposing its research plan to the EWG.

The 2026 Advisory Board Meeting is planned to be held on 22 April 2026 in conjunction with the APERC Annual Conference.

IV. APERC RESEARCH STAFF

APERC visiting researchers are generally drawn from energy research organizations, both government and non-government, in APEC member economies. The minimum term of visiting researchers supported by APERC's budget is one year, which may be extended subject to consultations between APERC and the visiting researcher.

APERC would like to invite all economies to nominate candidates for visiting researchers to serve at APERC. In principle, APERC accepts one researcher from each APEC member economy.

APERC offers to the visiting researchers: 1) living allowance; 2) furnished housing in Tokyo; 3) family, education, commuting and moving allowances; and 4) health insurance.

As of 18 August 2025, APERC has a total of 27 research staff, of which 16 are visiting researchers from APEC economies.

Table 1: APERC Research Staff

Name
Kazutomo IRIE (President)
Glen SWEETNAM (Senior Vice President)*
Mitsuhiro TAKADA (Vice President/General Manager)
Yoshiaki IMAIZUMI (Deputy General Manager)
Edito BARCELONA
Thanan MARUKATAT*
Elvira Torres GELINDON
Alexander Konstantinovich IZHBULDIN*
Manuel Antonio Heredia HEREDIA MUNOZ*
Muhammad Nabih Fahkri MATUSSIN*
PHUNG Quoc Huy*
Juniko Parlinggoman PARHUSIP*
Mohd Shah Hambali Bin ARIFIN*
Jungyoon KIM*
Sih Ting (Tarcy) JHOU*
Nobuhiro SAWAMURA
Finbar Barton MAUNSELL*
Rodrigo MARTINEZ PICAZO*
Leanne Nicole SARGENT*
Yasmin FOULADI*
Daniel Victor BURLUTSKY*
Yishan ZHENG*
Risa PANCHO
Samuel Matthew Girao DUMLAO
Hyuga KASAI
Takako HANNON
Ryo ISHIBE

* Visiting Researchers from APEC economies.

V. REVENUE AND EXPENSES

Since its inception, APERC's budget has been provided by the Japanese government and, in fiscal 2004, 2005, and 2006, also by the Australian government.

This budget has been used to facilitate research activities, cooperative efforts, know-how transfer programmes to the member governments, and the energy data network service.

The table below is a summary of annual financial statements since APERC was established in July 1996.

Table 2: APERC Revenues and Expenses

Unit: million yen

Fiscal Year	1996 9mm	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Revenue from: Japanese Government Australian Government	374	626	681	729	619	634	594	547	525 8	528 8	498 8	446	447	418	409
Total of Revenue	374	626	681	729	619	634	594	547	533	536	506	446	447	418	409
Expenses:															
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security	227	443	494	550	455	469	434	390	379	377	377	338	339	318	315
Energy Data Network & Know-How Transfer	147	183	187	179	164	165	160	157	154	159	129	108	107	100	94
Total of Expenses	374	626	681	729	619	634	594	547	533	536	506	446	447	418	409
Fiscal Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Revenue from: Japanese Government	425	494	580	657	653	689	672	672	672	672	672	672	672	556	591
Total of Revenue	425	494	580	657	653	689	672	672	672	672	672	672	672	556	591
Expenses:															
Energy Efficiency/APEC Energy Demand & Supply Outlook/ Related Research Programmes Oil & Gas Security	308	325	325	432	501	522	423	388	406	338	330	474	492	421	411
Energy Data Network & Know-How Transfer	94	86	107	68	183	124	161	119	100	59	43	224	263	175	133
Total of Expenses	402	411	500	600	781	737	670	580	550	437	463	788	837	675	606