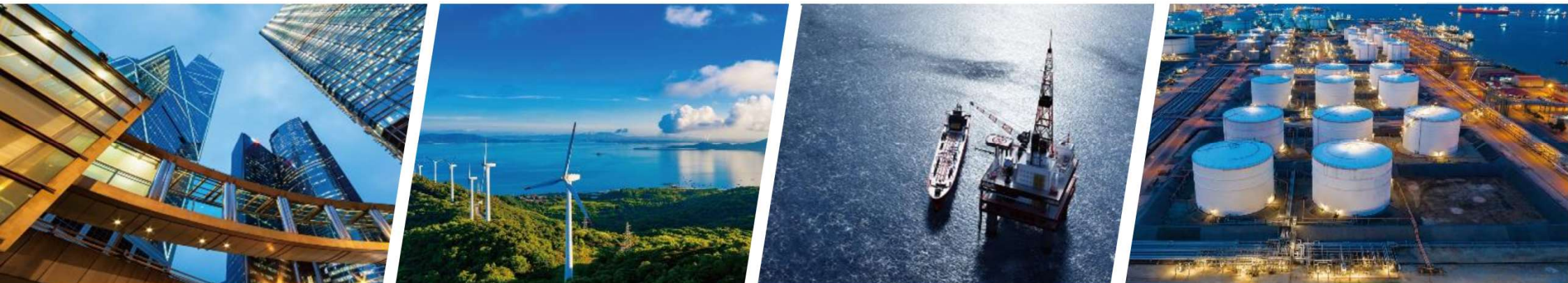


APERC Update

EGEEC65 and EGNRET63 Joint Meeting
19 November 2025 – Seoul, Korea

Mitsuhiro TAKADA, Vice President, APERC



APERC Activities (2025)

- APEC Energy Demand and Supply Outlook
- APEC Energy Overview
- Fossil Fuel Reports

- CBWS/EECP (Capacity Building Workshop on Energy Efficiency and Conservation Policy)
- OGS (Oil and Gas Security Initiative)

APEC Energy Demand and Supply Outlook

The **APEC Energy Demand and Supply Outlook** is APERC's flagship report that presents projections of energy demand and supply for each of the 21 APEC member economies and for the APEC Region as a whole.

The **9th edition** is set to be published soon.

The highlights of the 9th edition:

- Projections: 2022–2060
- Two scenarios: the Reference (REF) & the Target (TGT)
- Strong growth in electricity consumption
- Fossil fuel remains significant in primary energy supply
- Dispatchable power matters in a high-renewable grid
- Transition costs for power systems & hydrogen
- CO₂ emission

APEC Energy Overview

The **APEC Energy Overview** is an annual publication that highlights the current energy situation in each of the 21 APEC economies.

The most recent one, **APEC Energy Overview 2025**, was published on both the APEC and APERC websites in July 2025.

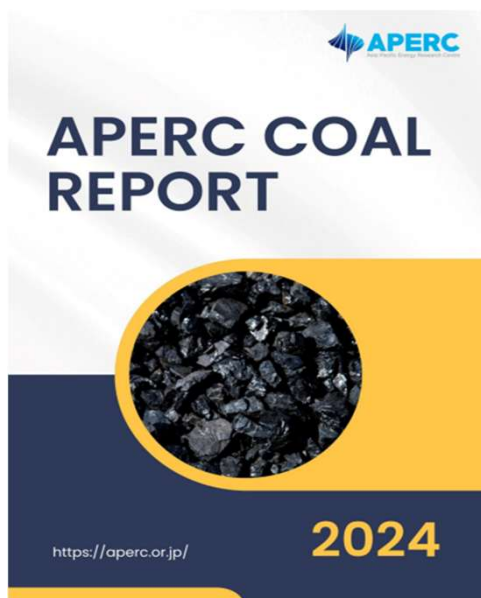
The *Overview* also reports progress toward meeting the two APEC energy goals, namely:

1. Energy intensity reduction of 45% by 2035 (relative to 2005).
2. Doubling the modern renewable energy share in the APEC energy mix by 2030 (relative to 2010).

The current situation of these goals **will be reported in EGEDA updates later.**

Fossil Fuel Reports

- Studies focusing on fossil fuels (coal, oil and natural gas) to support the Expert Group on Clean Fossil Energy (EGCFE) have been published since 2017.
- APERC Hydrogen Report has been published to support both EGCFE and Expert Group on New and Renewable Energy Technologies (EGNRET) since 2023



- APERC published *APERC Coal Report 2024* and *APERC Hydrogen Report 2024* in March 2025, and *APERC Oil Report 2024* and *APERC Gas Report 2024* in May 2025.

Policy Cooperative Activities

- ❑ **CBWS/EECP (Capacity Building Workshop on Energy Efficiency and Conservation Policy)**
 - Phase I is ongoing.
 - Phase II has been approved for funding.

- ❑ **APEC Workshop on Cleaner and More Efficient Operation of the Fossil Energy Industry**
 - The first workshop will be held in Tokyo, Japan on 3-4 December 2025.

- ❑ **OGSI (Oil and Gas Security Initiative)**
 - **OGSE (Oil and Gas Security Exercise)**
 - OGSE in Indonesia – Summary report was published in October 2025.
 - **OGSN (Oil and Gas Security Network)**
 - OGS Newsletter issue No. 66 was issued in October 2025.
 - **OGSS (Oil and Gas Security Study)**
 - OGSS 21 Report, “The Energy Security Implications of Declining LNG Investment” is being finalized.
 - OGSS 22 suggested theme, “The Energy Security Implications of Upstream Oil Underinvestment” was approved and literature research is ongoing.

Energy Data Management and Training on Data & Modelling

□ The APEC Energy Statistics 2022 and APEC Energy Handbook 2022

- Published in May 2025.

□ The 23rd APEC Workshop on Energy Statistics was held on 17-19 September 2025 in Tokyo.

The topic of the workshop was the preparation of instruments for end-use energy consumption surveys, which included:

- Discussion on sampling methodologies
- Preparation of survey questionnaire and enumerators' manual
- Discussion on the conduct of a pilot survey

Future APEC-related Events and Activities (1)

❑ CBWS/NREP (Capacity Building Workshop on New and Renewable Energy Policy)

- The first workshop will be held in March 2026 in Bangkok, Thailand.

❑ Clean and Low-Carbon Hydrogen (CLCH) Network

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

❑ OGS (Oil and Gas Security Initiative)

- Malaysia will host the next OGSE (Oil and Gas Security Exercise) in February 2026.
- 9th OGSN (Oil and Gas Security Network) Forum will be held in June 2026.
- OGS Newsletter Issue No. 67 will be distributed to OGS Network in December 2025.

Future APEC-related Events and Activities (2)

□ Energy Data Management and Training on Data & Modelling

- The 32nd APEC Seminar on Energy Modelling will be held in Tokyo from 2-6 March 2026.
- Preparation for the APEC Energy Statistics 2023 and APEC Energy Handbook 2023 publications is ongoing.
- The next short-term course on energy statistics will be held in Tokyo in January 2026.
- The next APEC Workshop on Energy Statistics is scheduled in September 2026.



Thank you for your kind attention.

<https://aperc.or.jp>

