

10. EGEDA Chair Report

The 67th Meeting of the APEC Energy Working Group (EWG67)

25-26 February – Lima, Peru

Glen SWEETNAM

Chair, EGEDA

Senior Vice President, APERC



Outline

- ❑ Data collection and processing update
- ❑ EGEDA training courses and workshops
- ❑ International cooperation
- ❑ 35th EGEDA meeting

Data collection and processing update

Regular APEC energy data collection

- ❑ The secretariat completed collection of the **2021 annual energy supply and demand data**.
 - **APEC Energy Statistics 2021**, which will be published **online**, and the **APEC Energy Handbook 2021**, which will be printed, are now being drafted.
 - The secretariat sent the request for 2022 annual energy supply and demand data from member economies in December 2023. The deadline for submissions is March 31, 2024.
- ❑ Other data collection
 - Annual energy prices
 - Annual GHG emissions
 - CO₂, CH₄ and N₂O emissions from energy combustion and fugitive emissions
 - CO₂ transported and stored
 - Energy efficiency indicators
 - Monthly oil and gas supply and demand (JODI)
 - Quarterly energy supply

Smiley faces of JODI Oil in APEC (January to June 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	4	67%	😊	😐	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	6	52%	😊	😊	😐
Papua New Guinea	6	2	69%	😊	😐	😐
Peru	0	0	0%	😞	😞	😞
Philippines	3	0	100%	😞	😞	😊
Russia	3	3	14%	😞	😞	😞
Singapore	6	6	52%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Viet Nam	2	1	0%	😞	😞	😞

Number of



9

7

6

Compared to Jan – Jun 2022



No change

Compared to Jul – Dec 2022

No change



Smiley faces of JODI Gas in APEC (January to June 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness
						(%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	6	64%	😊	😊	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	6	61%	😊	😊	😐
Papua New Guinea	0	0	0%	😞	😞	😞
Peru	0	0	0%	😞	😞	😞
Philippines	6	6	100%	😊	😊	😊
Russia	6	6	27%	😊	😊	😞
Singapore	6	6	64%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	91%	😊	😊	😊
Viet Nam	0	1	73%	😞	😞	😐

Number of 😊

Compared to Jan – Jun 2022

Compared to Jul – Dec 2022

10



No change

10

No change



6

No change

No change

EGEDA training courses and workshops

Energy statistics course (Held in Tokyo)

□ 22 January to 2 February 2024

- No. of economies – 9 (BD; CHL; MAS; PNG; PE; SGP; CT; THA; VN)
- No. of participants – 12
- Trainers - EGEDA secretariat, APERC researchers

□ Objectives

- Increase the capacity of energy statisticians in APEC economies
- Keep the members up-to-date with new developments in energy statistics.
- Enhance the human resource network between APEC economies and APERC
- Increase the level of understanding of the APEC energy database by APEC economies
- Introduce world trends in energy statistics to APEC economies
- Improve the reliability of the APEC energy database



22nd APEC workshop on energy statistics

- ❑ **Target date:** 23-26 July 2024
- ❑ **Theme:** Update on emerging energy products and technologies and associated data requirements
- ❑ **Objectives**
 - The workshop's main objective is to provide knowledge on the new energy data and statistics required to monitor the energy sector during the energy transition.
 - The workshop will enhance the participants' ability to apply the methodologies and techniques learned from previous workshops in the collection of data such as:
 - new energy products and technologies,
 - energy efficiency indicators, and
 - new and renewable energy data and statistics.
 - The workshop will facilitate dialogues on the issues and challenges encountered in collecting these data and statistics through economy presentations and roundtable discussions.

International cooperation

Secretariat's participation in international meetings (1)

Task Team for the Revision of Standard International Energy Classification (TT-SIEC) under International Energy Statistics Working Group (InterEnerStat)

- ❑ Discussed revisions to SIEC with the ongoing revisions of Central Product Classification (CPC) and International Standard Industrial Classification (ISIC)
- ❑ Monthly online meetings likely to continue for another year
- ❑ Progress
 - Majority of TT-SIEC members agree that **hydrogen and ammonia should have their own classifications as energy products** (separated from "Other hydrocarbons")
 - Distinction between LNG and CNG; classification of wet gas in addition to processed (dry) gas
 - Revision of definition of primary coal products
 - **General agreement for including "cooling" as energy product;** continued discussion on sources of ambient cooling such as sea/lake water cooling, stored snow, etc.

Secretariat's participation in international meetings (2)

IEA's Energy Statistics Development Group (ESDG, 23-24 November 2023)

- ☐ New hydrogen data collection template
- ☐ Revised electricity questionnaire, including electricity storage capacities
- ☐ Collection of district cooling data in APEC
- ☐ Energy efficiency indicators in APEC

35th EGEDA meeting

35th EGEDA meeting

Host : Hong Kong, China

Date : 17-19 January 2024

Number of economies : 9 (AUS; BD; HKC; INA; JPN; MAS; PHL; CT and THA)

APEC Fora and international organizations – APEC Sec, EWG, EGNRET, EGEEC, EGCFE, IEA, IRENA

Agenda

- ☐ APEC Secretariat, EWG, EGEEC, EGNRET, EGCFE and APERC updates
- ☐ EGEDA updates
 - Overview and analysis of APEC 2021 energy supply and demand data
 - Report on EGEDA energy statistics training courses
 - Report on the 21st APEC workshop on energy statistics
 - Progress toward the APEC energy goals
 - Hydrogen, CCUS, electricity and other new data collection
- ☐ JODI updates
- ☐ APERC research activities
- ☐ Energy efficiency indicators
- ☐ Decarbonisation and methane emission statistics

Highlights (EGEDA35)

Round table discussion on the status of new energy products and technologies

- Australia – mandatory data reporting, but limited information;
- Brunei Darussalam – early stage in developing new energy technologies;
- Hong Kong, China – significant development on new energy products and technologies (launching of 1st hydrogen fuel cell buses, new district cooling facilities, EVs, etc);
- Indonesia – pilot projects on hydrogen; will start collection of EVs;
- Malaysia – hydrogen projects will start in 2027; collaboration with DCS provider for data collection;
- The Philippines – ongoing energy consumption survey, update energy balance table to account EV consumption;
- Chinese Taipei – pilot project for hydrogen utilization;
- Thailand – conducting transport end-use survey

Next EGEDA36 meeting

- Joint meeting with EGNRET, EGEEC, EGCFE
- Spring 2025
- To be hosted by Hong Kong, China

Thank you.

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