

# EGEDA Updates

## EGNRET 60 Meeting

24-25 April 2024 – Kaohsiung, Chinese Taipei

Glen Sweetnam, EGEDA Chair



# Outline

- ❑ Data collection and processing update
- ❑ EGEDA training courses and workshops
- ❑ International cooperation
- ❑ 35<sup>th</sup> 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 and APEC Energy Handbook 2021** were published at the APEC Secretariat website on April 4, 2024
    - APEC Energy Statistics 2021: <https://www.apec.org/publications/2024/04/apec-energy-statistics-2021>
    - APEC Energy Handbook 2021: <https://www.apec.org/publications/2024/04/apec-energy-handbook-2021>
- 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
    - CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O emissions from energy combustion and fugitive emissions
    - CO<sub>2</sub> transported and stored
  - Energy efficiency indicators
  - Monthly oil and gas supply and demand (JODI)
  - Quarterly energy supply

# Smiley faces of JODI Oil in APEC (July to December 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	6	100%	😊	😊	😊
China	6	6	67%	😊	😊	😐
Hong Kong, China	6	6	100%	😊	😊	😊
Indonesia	6	6	100%	😊	😊	😊
Malaysia	6	5	44%	😊	😐	😐
Papua New Guinea	6	6	64%	😊	😊	😐
Peru	0	0	0%	😞	😞	😞
Philippines	3	0	100%	😞	😞	😊
Russia	0	0	0%	😞	😞	😞
Singapore	6	6	50%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	100%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊 9 8 6

Compared to Jan – Jun 2023 No change ↑ +1 No change

Compared to Jul – Dec 2022 No change ↑ +2 ↓ -1

# Smiley faces of JODI Gas in APEC (July to December 2023)

Economy	Sustainability	Timeliness (M-1 & M-2)	Completeness (%)	Sustainability	Timeliness	Completeness (%)
Brunei Darussalam	6	5	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	91%	😞	😞	😊
Philippines	6	6	100%	😊	😊	😊
Russia	6	3	18%	😊	😞	😞
Singapore	6	6	64%	😊	😊	😐
Chinese Taipei	6	6	100%	😊	😊	😊
Thailand	6	6	91%	😊	😊	😊
Viet Nam	0	0	0%	😞	😞	😞

Number of 😊

10

8

7

Compared to Jan – Jun 2023

No change



No change

Compared to Jul – Dec 2022

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 researcher

## □ 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



# 22<sup>nd</sup> 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

# 35<sup>th</sup> EGEDA meeting

# 35<sup>th</sup> 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 21<sup>st</sup> 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 1<sup>st</sup> 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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