

PSMA Energy Management Committee Meeting Minutes

@ Wed October 23, 2024 11AM (Central) via GoToMeeting

Attendees:

John Horzepa, Ed Herbert, Babu Chalamala, Nick Theodoris, Jeff Perkins, Ada Cheng, Victor Boyadzhyan, Jeremy Dunklin, and David Chen

Agenda:

- APEC 2025 Joint Industry Session (Energy Management, Storage, and Harvesting)  
**Topic:** “Energy Management, Storage, and Electrification from MicroWatts to MegaWatts” (2x4-speaker slot on Thursday)

Submitted below speaker list on October 21:

Solar Micro Inverters and Energy Storage	Zaki	Ahmed	Pulsiv
Grid-Forming Solutions with Energy Storage Integration	Jack	Flicker	Sandia National Laboratories
Challenges of an Inverterized Grid	Brendan	Preece	Southern Company
EnerHarv - Driving an Ecosystem for Collaboration in Self-Powering IoT Edge Devices	Brian	Zahnstecher	PowerRox LLC
RISEnergy - Synergies in and Access to Cross-Cutting Renewable Energy Technologies in Europe	Michael	Hayes	Tyndall National Institute
Electrification and Its Impact on the Grid: Challenges and Opportunities	Baskar	Vairomohan	EPRI
Electrification and IEEE TEC	Don	Tan	E2 Systems
Grid Interfaces for Transportation Electrification	Babu	Chalamala	Sandia National Laboratories

- Energy Efficiency Award and 40<sup>th</sup> Anniversary (APEC 2025 and PSMA)
  - a. Timeline for EE Award

April 22, 2024 – announcement went out on Earth Day  
September 3, 2024 – deadline to receive nominations (9/10 w/1-wk extension)  
**October 8, 2024 – announcement of three finalists**  
March 16-20, 2025 – announcement of winner at APEC 2025 in Atlanta
  - b. Three finalists
    - i. 65W USB-C design (Pulsiv)
    - ii. 32” and 43” TV single-stage power supply design (TCL)
    - iii. Hybrid solar-powered cold rooms for rural access (Solafam Uganda)
  - c. Actions
    - i. **Decide on a winner by the end of October**  
[ballots to go out to selected active committee members]
    - ii. David confirmed all finalists able to attend APEC in person if chosen
    - iii. Ada and David decided on trophy for award



- iv. Deciding on where best to hold award ceremony at APEC – PSMA meeting room, PSMA booth on Expo floor near hub, both?
- v. Enlist a publication for an article on the winner around APEC timeframe or afterwards (**David** to reach out to Greg)

- Other Business - none

Next:

- PSMA Virtual Planning Meeting Part II on Friday, October 25
- Next Committee Meeting – Tuesday, November 19, 11AM (Central) via Zoom