

PSMA Energy Management Committee Meeting Minutes

@ Tue January 28, 2025 11AM (Central) via Zoom

Attendees:

John Horzepa, Jeff Perkins, Ada Cheng, Kai Li, Thrax Cui, Mike Hayes, Eric Swenson, and David Chen

Sending regrets – Patrick Le Fevre, Ed Herbert, Juan Carlos Balda, Babu Chalamala

Agenda:

- APEC 2025 Joint Industry Session (Energy Management, Storage, and Harvesting)

IS21 Topic: “Energy Management, Storage, and Electrification from MicroWatts to MegaWatts”  
(2x4-speaker slot on Thursday, March 20, 2025, 8:00-11:50AM)

Georgia World Congress Center, Atlanta, GA

Intelligent Energy Storage for Homes	Tim	Moore	Pulsiv
Grid-Forming Solutions with Energy Storage Integration	Jack	Flicker	Sandia National Labs
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	Vairamohan	EPRI
Electrification and IEEE TEC	Don	Tan	E2 Systems
Grid Interfaces for Transportation Electrification	Babu	Chalamala	Sandia National Labs

- a. **Jeff** confirmed we’re on track with speakers and presentations except for Tim Moore at Pulsiv – **Nick**, please advise
- b. Confirmed with Babu (after the meeting) our plan to convert his slot at the end into a panel session, where he’ll serve as moderator

- 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 (Pulsiv – 65W USB-C design, TCL – 32” and 43” TV PSU, Solafam – hybrid solar-powered cold rooms for rural access)

**March 17, 2025 – announcement of winner at APEC 2025 in Atlanta**

- b. Actions

i. Logistics - holding award ceremony at 6:00–6:15 PM on Monday (opening day, 1.5 hours after opening) at PSMA booth on Expo floor near hub

1. John confirmed A/V with MMS (note: announcement over exhibit hall PA system needs our script)
2. John acknowledged plan to purchase 10.25” award per Ada’s suggestion for engraved text (detailed in her email)
3. John to send out e-blast Feb/Mar to alert membership on EE Award ceremony time and location – Ada provided text
4. Ada working with MMS on EE Award ceremony messaging for APEC program book

ii. Enlist a publication for an article on the winner around APEC timeframe or afterwards – Renee wrote about the award in her PSMA column in Power Electronics Magazine

iii. Brainstorm next award idea – keep momentum by sticking to theme of energy efficiency; can also link to past winners, etc.

- Other Business
  - a. Future of Energy Efficiency Database (Anagenesis folded) – Deep dive scheduled for Friday 1/31 to discuss metrics for databases first, then path forward
  - b. David submitted write-up on energy efficiency standards to Ajay/Dhaval/Conor for PTR
  - c. Sign up to be a mentor at APEC! See Ada.
  - d. Reliability Committee seeking experts for IPC9592 rev.C update – see Eric Swenson.

Next Committee Meeting – Tuesday, February 18, noon (Central) via Zoom