

PSMA Energy Management Committee Meeting Minutes

@ Tue April 21, 2026, 10:30AM CST via Zoom

Attendees:

John Horzepa, Ed Herbert, John Howes, Kai Li, Ada Cheng, Mike Hayes, and David Chen

Agenda:

- APEC 2026 de-brief
 - a. Industry Session – positive feedback received – strong attendance and engagement, especially for Thursday morning

	Topics	Speaker	Affiliation
1	Efficiency in Low-Power Isolated DC-DC Conversion for Interface and Gate Drive Supplies	Stanislav Suchovsky	RECOM
2	Grid-Forming Batteries	Oindrilla Dutta	Sandia National Labs
3	Making Next-Gen AI Data Centers More Available and Efficient by Improving SiC Short-Circuit Ruggedness	Adam Morgan	NoMIS Power
4	The Role of Long Duration Energy Storage to Decarbonise and Establish Energy Security	Pádraig Lyons	IERC
5	Single-Stage Resonant Converter for High-Efficiency EV Charging	MC Dela Pena	Power Integrations
6	The Energy Harvesting Sweet Spot for Self-Powering Wireless Sensor Nodes	Aditya Singh	Tyndall National Institute
7	Centralized Power Distribution and Higher Efficiency for System Benefits	Kai Li	Mean Well
8	Using DC-Based Solutions to Enable Fast-Deployed, Scalable, Modular Data Centers to Drive Unprecedented Densities, Efficiency, Optimization, and Enablement	Brian Zahnstecher	PowerRox
	Alternate		
	Real-Life Energy Constraints at Wireless Sensor Node and Network Level and Their Impact on Resilience and Sustainability	Mike Hayes / Brian Zahnstecher	

b. 2026 Global Energy Efficiency Award – presented to Steve Eaves at VoltServer



- APEC 2027 planning

a. **Industry Sessions: open 5/28 – close 8/14**

b. **Topic ideas**

- i. **4-slot session on battery-oriented topics (e.g. TDK speaker on solid-state batteries) + 4-slot session on charger-oriented topics**
- ii. **Micro-generation and micro-storage local to AI datacenters (e.g. flywheels, micro-reactors, etc.)**

- 2027 Global Energy Efficiency Award (**project approved by BoD on 4/17**)

a. **Timeline**

April 22, 2026 – announcement and press release go out tomorrow on Earth Day (nomination form and website will be ready as well)

September 8, 2026 – deadline to receive nominations (day after Labor Day)

October 7, 2026 – announcement of finalists (US Energy Efficiency Day)

March 8, 2027 – award ceremony at APEC 2027 in New Orleans

b. **“Hall of Winners” page on website**

- Energy Efficiency Database
 - a. Setup – Ada aligned with David Fogle on database server; Sheila provided Ada list of agencies in database and spreadsheet with all users; **Ada to estimate non-recurring project cost delta related to setup to guide possible need for budget amendment; Ada circulated EEDB addendum to committee for inputs**
 - b. Maintenance – Sheila will not be able to take on regular maintenance, so another resource needs to be identified; Brian suggested [fiverr.com](https://www.fiverr.com) as a possibility; David suggested contracting in Manila
 - c. Mailing lists will be updated to get EEDB announcements going again – Ada working on draft of first message
 - d. Ada drafting KPIs (especially as related to engagement)

- PTR
 - a. **Kai Li to reach out this week to VoltServer to gauge interest to do a PTR webinar on either 5/14 or 5/21**

- **On 4/17, PSMA BoD approved merger of Energy Management and Energy Storage committees**
 - a. David and Victor to serve as co-chairs
 - b. **John to merge mailing lists and meeting notifications**

Next Meeting –

PSMA Energy Management Committee will meet via Zoom on Tuesday, May 19, 10:30AM CST