

PSMA Energy Management Committee Meeting Minutes

@ Wed September 17, 2025, 10:00AM CDT by Zoom

Attendees:

John Horzepa, Ada Cheng, Mike Hayes, Patrick Le Fevre, Ed Herbert, Kai Li, and David Chen

Sending regrets – Stan Suchovsky

Agenda:

- APEC 2026

- a. Timeline

- August 15, 2025 – David submitted proposal

- January 16, 2026 – draft .ppts due

- February 20, 2026 – final .ppts due

- March 22-26, 2026 – presentations at APEC 2026 in San Antonio, TX

- b. Speaker list for joint IS proposal: *“Improving Energy Efficiency and Availability”*

- Session Chairs: Kai Li, Mike Hayes, and David Chen

	<b>Topics</b>	<b>Speaker</b>	<b>Affiliation</b>
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	Mike Hayes	Tyndall National Institute
7	Centralized Power Distribution and Higher Efficiency for System Benefits	Kai Li / Thrax Cui	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	Claros
	Alternate		
	Real-Life Energy Constraints at Wireless Sensor Node and Network Level and Their Impact on Resilience and Sustainability	Mike Hayes / Brian Zahnstecher	

- Global Energy Efficiency Award for 2026

- a. Timeline

- April 22, 2025 – announcement and press release went out on Earth Day

- September 2, 2025 – deadline to receive nominations (day after Labor Day)

- October 1, 2025 – announcement of finalists (US Energy Efficiency Day)**

- March 22-26, 2026 – announcement of winner at APEC 2026 in San Antonio, TX

- b. Status of submissions – of ~20 viable submissions, we can likely close on 2 finalists (and 1 honorable mention?) before 10/1

- c. Actions

- i. Publicity

- 1. Did LinkedIn reminder and e-blast before 9/2 deadline
      - 2. **Prepare announcement of finalists on 10/1**

- Energy Efficiency Database

- a. PSMA BoD approved EEDB project as proposed by Ada  
Ada starting work (i.e. first payment received)  
Ada reviewed email templates (revised vs. original) with committee

- i. Add blurb to join PSMA, if not a member already!

- d. **Software purchase pending set up of two email boxes by PSMA Office (John to check with David Fogle); will use PSMA server for back-up**
  - e. Then, mailing lists will be updated to get EEDB announcements going again
  - f. Ada drafting KPIs (especially as related to engagement)
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- Any other business – seeking co-chair to replace Lincoln

Next Meetings –

PSMA Planning Meeting in San Antonio on Sunday, October 5

PSMA Energy Management Committee will meet via Zoom on Wednesday, October 22,  
10:00AM CDT

-David