

PSMA Energy Management Committee Meeting Minutes

@ Tue February 28, 2023 10:30-11:30AM (Central) by Zoom

Attendees:

Ed Herbert, John Horzepa, Joe Horzepa, Ada Cheng, Mike Hayes, Lincoln Xue, Patrick Le Fevre, Arnold Alderman, Jeff Perkins, and David Chen

Agenda:

1. Congrats to Lincoln on appointment as co-chair for this committee! Approved by BoD on 2/17
2. APEC 2023 Industry Session IS05 (Tuesday, March 21, 8:30-11:55 AM, Convention Center Room W205BC) “Power Innovations and Technologies Enabling Smart Buildings and Cities”

Dusan Brhlik	Co-founder and CEO, Direct Energy Partners	Interoperability of Power Conversion Systems
John Emmanuel Tan	Sr. Firmware Engineer, Power Integrations	Fault Analysis and Predictive Maintenance for BLDC motors
Mike Hayes	Head of Group, ICT for Energy Efficiency, Tyndall National Institute	Micro-power Energy Harvesting for Retrofitted Wireless Sensors in Buildings
Frank Cirolia	Systems and Application Engineer, Advanced Energy	Powering Future Indoor Farming Facilities
Omer C. Onar	Group Leader, Vehicle Power Electronics Research Group, ORNL	Bidirectional Wireless Power Transfer System Design and Integration for Medium-Duty Electric Vehicles
Giorgia Longobardi	CEO, Cambridge GaN Devices	Meeting Carbon Goals with GaN
Ben Polly	Sr. Research Engineer, NREL	Grid-interactive Modeling and Community-scale Energy Planning

- a. All but one presentation finalized and uploaded; last one in review with presenter today (2/28)
- b. Lincoln to send out note to speakers about Tue AM breakfast and speakers’ ready room
3. Appliance Energy Efficiency Regulations Webinar Series
  - a. Webinar #1 (Global Policy Framework) kicked off on 10/25 by David
  - b. Webinar #2 (Deep Dive: External Power Supplies & Battery Chargers – presented on 12/13 by Carlos Toyos Bada, Sr. Applications Engineer, Cambridge GaN Devices)
  - c. Webinar #3 (Deep Dive: Major Home Appliances – Dinesh) – **4/4 or 4/11**
  - d. Webinar #4 (Deep Dive: Ceiling Fan Regulations from India’s Bureau of Energy Efficiency – David)
4. Other business
  - a. Food for thought - “How big do you think the role of the power supply design engineer is or should be in regard to meeting climate goals?”
  - b. Ada presented strawman on energy efficiency checklist / strategies. Good feedback received. Will review again at next meeting

Next meetings:

- In-person at APEC (Rosen Center Salon 14) @ Tue March 21, 2023 2:00-4:00 PM (Eastern)