

## PSMA Energy Management Committee Meeting Minutes

@ Tue December 20, 2022 10-11AM (Central) by GoToMeeting

Attendees:

Ed Herbert, John Horzepa, Joe Horzepa, Jeff Perkins, Ada Cheng, Mike Hayes, Lincoln Xue, and David Chen

Agenda:

1. APEC 2023 Industry Session
  - a. ISO5 (Tue AM): "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

- b. Started receiving presentation drafts (due for upload to portal by 1/27) → team to review via Dropbox
  - c. PSMA promotion needs session abstract → Lincoln to update
2. 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) – date TBD → February 2023
  - d. Checklist / audit service?
3. Other business
  - a. Article in IEEE PELS magazine for the 'PSMA corner' feature – David to ask Renee to mention committee activities (like webinar series and APEC industry session)
  - b. Andrew Mikulski from Capacitor Committee looking for industry session and workshop speakers – Lincoln suggested possible speaker from ORNL
  - c. PTR seeking two webinars from each committee – Ada to draft strawman
    - i. 1H'23 – consolidated summary webinar from energy efficiency regulations series
    - ii. 2H'23 – possibly leverage material and speakers from APEC 2023 IS
    - iii. '23 – AC/DC and DC/DC power supply market trends – Dinesh
  - d. Co-chair opportunity

Next meeting:

@ Tue January 24, 2023 10:30-11:30 (Central)