

PSMA Energy Management Committee Meeting Minutes

@ Tue August 23, 2022, 10-11AM (Central) by Zoom

Attendees:

Ed Herbert, Arnold Alderman, Patrick Le Fèvre, Joe Horzepa, John Horzepa, Jeff Perkins, Renee Yawger, Lincoln Xue, Dinesh Kithany, Mike Hayes, and David Chen

Agenda:

1. Appliance Energy Efficiency Regulations Roadmap Project
 - a. Kick-off webinar on 10/4 (high-level global review) - approved at 8/19 PSMA Board meeting
 - b. Reviewed additional slide on U.S. climate bill
2. APEC 2023 Industry Session
 - a. Reviewed 7-speaker session proposal for submission (see attachment)
Session Title: "Power Innovations and Technologies Enabling Smart Buildings and Cities"
 - i. Fault-managed digital power delivery
 - ii. Power scaling - managing standby with MELs proliferation
 - iii. DC power distribution (e.g. 380V, 48V, USB PD 3.1, ...)
 - iv. Energy measurement, estimation, and reporting
 - v. Self-powering wireless IoT edge devices in buildings
 - vi. Smart, connected lighting, and vertical farming / horticulture
 - vii. Electric vehicle-to-building-to-grid charge management
 - viii. How GaN helps to meet carbon goals
 - ix. Smart grid – virtual power plants and grid-interactive efficient buildings
 - b. Discussed prospective speakers
 - i. In existing list (see attachment), Lincoln and David to start approaching prospective speakers
 - ii. For smart lighting, Lincoln to provide name, title, and email for prospective speaker from DOE SSL roundtable on building integration
 - iii. For vehicle-to-building-to-grid charging, Dinesh to provide name, title, and email for prospective speaker from vehicle electrification workshop on 9/13 and 9/20
 - iv. For VPPs and GEBs, Jeff to provide name, title, and email for prospective speakers (also for Energy Storage Industry Session)
 - v. For GaN's role in meeting carbon goals, Renee will follow up with prospective speakers via semiconductor committee
 - vi. Mike agreed to speak (or find a speaker) on micro-power energy harvesting for sensors in buildings
 - c. Lincoln will submit our proposal to the ePapers submission site before 9/2 – David already emailed heads-up to Dhaval...
3. EEDB maintenance proposal
 - a. Arnold presented proposal for coming year
 - b. John will add this item to the agenda of the next PSMA Board meeting for approval

Next meeting:

@ Thu September 15, 2022 10:00-11:00 (Central)