

PSMA Energy Management Committee Meeting Minutes

@ Tue July 19, 2022 10AM – noon (Central) by Zoom

Attendees:

Ed Herbert, Arnold Alderman, Ada Cheng, John Horzepa, Jeff Perkins, Lincoln Xue, Dinesh Kithany, Mike Hayes, and David Chen

Agenda:

1. **Welcome to Jeff Perkins from Yole!**
2. **Appliance Energy Efficiency Regulations Roadmap Project**
 - a. Slide deck
 - i. Introduction and background – Arnold/David (review of updates, including latest high-level policy context gathered from EEDAL, ECEEE, and DOE meetings in last two months, additional slides on DOE EPS candidate standard levels and EU common charger initiative, and timeline on EU horizontal standby regulation)
 - ii. External power supplies and battery chargers – Giorgia/David (see above)
 - iii. Electronic displays, including monitors and TVs – David
 - iv. Standby regulations – David (see above)
 - v. Global major home appliance market – Dinesh (to streamline slides before end of Aug.)
 - vi. Digitalization in energy – topic in discussion with Andrei pending schedule
 - b. 2022 webinar series target schedule = summer kick-off, then a deep dive every 2 months, culminating in a summary webinar for PTR in 2023 (David to set kick-off date w/PSMA office, possibly Sep. 13)
 - c. Default position of committee is NOT to charge for attendance
3. **APEC 2023 Industry Session**
 - a. Need to submit Industry Session proposal to APEC by September 2 (Lincoln)
 - b. Strategies, Innovations, and R&D to Meet Energy Efficiency Regulations
 - c. Renewables
 - d. 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. Smart, connected lighting, and vertical farming / horticulture
 - vi. Electric vehicle-to-building-to-grid charge management
 - vii. How GaN helps to meet carbon goals
 - e. Mission-critical Systems
 - f. Environmental, Social, and Governance (ESG) Criteria
 - g. Digitalization and AI in Energy Management Decision-Making
4. Other business
 - a. The PSMA Board of Directors requested two slides from each committee, describing their work. Ours was published after the last meeting for everyone's review.

Next meeting: @ Tue August 23, 2022 10:00-11:00 (Central)