

## PSMA Energy Management Committee Meeting Minutes

@ Tue June 21, 2022 11AM – noon (Central) by Zoom

Attendees:

Patrick Le Fevre, Ed Herbert, Ada Cheng, John Horzepa, Joe Horzepa, Mike Hayes, Juan Carlos Balda, Lincoln Xue, Dinesh Kithany, and David Chen

Agenda:

### 1. Appliance Energy Efficiency Regulations Roadmap Project

- a. Slide deck
  - i. Introduction and background – Arnold/David (David to update w/latest high-level info gathered from EEDAL, ECEEE, and DOE meetings in last three weeks – Europe believes this is the “last call” to address climate change; beyond energy security, material security is also critical, thus driving an expansion of Ecodesign to cover all products, not just energy-using products; electrification is a big opportunity, with heating/cooling at the top of the list leveraging heat pump water heating and space conditioning technologies)
  - ii. External power supplies and battery chargers – Giorgia/David
  - iii. Electronic displays, including monitors and TVs – David
  - iv. Standby regulations – David
  - v. Global major home appliance market – Dinesh (to streamline slides w/bold bullets only)
  - 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
- c. Default position of committee is NOT to charge for attendance

### 2. APEC 2023 Industry Session brainstorming – lead idea is c. below with enough material to fill one industry session and possibly a second, *bandwidth permitting*. For now, our focus is on one session.

(Thanks also go to Lincoln, who will help me to build our industry session and act as a session co-chair at APEC 2023)

- a. Strategies, Innovations, and R&D to Meet Energy Efficiency Regulations
- b. Renewables
- c. 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
- d. Mission-critical Systems
- e. Environmental, Social, and Governance (ESG) Criteria
- f. Digitalization and AI in Energy Management Decision-Making

### 3. Other business

- a. The PSMA Board of Directors requested two slides from each committee, describing their work. Ours is attached for everyone’s review.

Next meeting:

@ Tue July 19, 2022 10:00-11:00 (Central)