

PSMA Energy Management Committee Meeting Minutes

@ Tue March 26, 2024 10AM (Central) via GoToMeeting

Attendees:

John Horzepa, Joe Horzepa, Ed Herbert, Ada Cheng, Jeff Perkins, Patrick Le Fevre, Nick Theodoris, and David Chen

Agenda:

- APEC 2024 Joint Industry Session – co-sponsored with Energy Storage committee IS08: “Energy Storage and Integration to Energy Systems”
Wednesday, February 28, 2024, 08:30-11:55AM, Long Beach Convention Center

Jeff and David substituted for Victor and Lincoln on site. Our session had good attendance, typically 50+ participants for each talk. More importantly, there were always a few audience members who were particularly engaged in asking questions and huddling with speakers during the breaks.

Topic	Speaker	Affiliation
Practical Use of Hydrogen and Hydrogen Carriers for Energy Storage	Daniel Parker	Kontak
Stationary Battery Energy Storage Systems: A Booming Power Electronic Market	Milan Rosina	Yole
Exploring Cybersecurity Issues in Energy Systems	Shuo Wang	University of Florida
Grid Supportive Loads	Yeongrack Son	NREL
State of Battery Health Battery Management System	Oindrilla Dutta / Babu Chalamala	Sandia National Labs
DC Homes, DC Microgrids	Nihal Kularatna	University of Waikato
Driving Technology Advancements in Energy Storage Systems	Henrik Mannesson	TI

- Considering possible webinar series on grid challenges with below speakers who couldn’t travel to APEC, or more ambitiously, a workshop at APEC 2026, pending a partner like NREL

Topic	Speaker	Affiliation
Grid-Forming Wind Power Solutions with Energy Storage Integration	Rui Sun	Goldwind
Grid Supportive Loads	Michael Blonsky	NREL
Emerging Technologies for Distributed Energy Resources	Mark Martinez	Southern California Edison
Challenges of Inverterized Grid with PFC	Jason Autry	Southern Company
Solar Microinverter Technology and Energy Storage	Dr. Zaki Ahmed	Pulsiv

- Appliance Energy Efficiency Webinar Series
 - a. Ada's presentation status – full review of slides done at APEC
 - b. Scheduling for 4/30, 10AM CDT
 - c. Ada to provide John abstract and bio for advertising and promotion

- Special project - Energy Efficiency Award for 40th Anniversary (APEC 2025 and PSMA)
 - a. Timeline
 - i. April '24 - announce candidate search for outstanding energy efficiency technology award on Earth Day (April 22)
 - ii. October '24 – announce final nominees for EE award in conjunction with proclamation to promote Energy Efficiency Day (first Wednesday in Oct.)
 - iii. March '25 - announce winner of award at APEC 2025 Plenary
 - b. Actions needed from committee
 - i. Finalized guidelines and scope at APEC 2024 committee meeting
 - 1. Focus on energy efficiency rather than renewables / electrification
 - 2. Focus on appliances and equipment rather than building codes
 - 3. Give bonus points for potential impact (e.g. key appliance categories – LED lighting, air conditioning, comfort fans, refrigerator-freezers, heat pump space and water heating, electric motors, electric cookers, TVs, and solar water pumps)
 - ii. For reference, see “Industry Lifetime Awards Proposal 2020 Feb 19.pdf” and email from Ada
 - iii. David to complete and submit “Special Project” form for PSMA Exec Comm to consider in 4/8 meeting (Ada to help review)
 - iv. PSMA BoD approval needed in 4/19 meeting to make announcement on Earth Day (4/22)

Next:

- Energy Management Committee Meeting via GoToMeeting on Tuesday, April 23, 11AM CDT