

PSMA Energy Management Committee Meeting Minutes

@ Tue July 27, 2021 10am-11am (Central) via Zoom conference

Attendees:

Ed Herbert, Ada Cheng, Mike Hayes, Juan Carlos Balda, Steve Roberts, Pádraig Lyons, Joe Horzepa, John Horzepa, and David Chen

Agenda:

1. Welcome to Steve Roberts (RECOM) and Pádraig Lyons (Tyndall, IERC)
2. APEC (Houston, March 2022) Industry Session brainstorming
 - a. Converging on theme of Energy Recovery and Balancing (i.e. what to do when one has too much energy)
 - b. Related topic leads
 - i. Regenerative braking - **Ada** to advise on any leads
 - ii. Excess heat from data centers - **Pádraig** to advise on any leads
 - iii. Active-clamp flyback topology to recycle leakage inductance energy - **David**
 - iv. Grid load balancing (e.g. excess solar) - **Juan, David,** and **Steve** to advise on any leads
 1. **Juan** – EPRI, Southern Company (Georgia Power), Florida National University (Florida Power), PELS TC5 speakers (also check w/ **Yongheng** Yang)
 2. **David** – CEC, PG&E, SDGE, Lawrence Berkeley Lab
 3. **Steve** – Mercedes (Stuttgart)
 - c. Industry Session proposals due before planning meeting in Houston on October 16-17
3. Thanks to Arnold Alderman for EEDB announcement on our committee seeking members

Next meeting: @ Tue August 24, 2021 10am-11am (Central) via Zoom conference