

PSMA Energy Storage Committee Meeting Minutes 8 June 2022

Attendees: Joe Horzepa, John Horzepa, Ed Herbert, Ada Cheng, Patrick LeFevre, Victor Boyadzhyan, Henrik Lundgren, Eric Swenson, Babu Chalamala, Justin Farrelly, Ronald de Graaf

Agenda:

- 1. Welcome and Introductions to New Attendees**
- 2. Committee and Member Activities Reminder:**

The committee can help to enable different activities within PSMA for the committee members. This includes:

- APEC Industry Session Topics;
- Educational Seminars;
- Technology Roadmapping;
- Special technology requirements that are hard to tackle or are emerging;
- Special Guest Speakers that wish to communicate technology or market advances in energy storage.

- 3. Discuss Member Needs and Participation in PSMA Activities**
- 4. Other Topics**

Discussion:

1. Welcome and Introductions to New Attendees:
 - a. Dr. Babu Chalamala (Sandia National Labs) and Ronald de Graaf (Nawa Technologies) introduced themselves to the committee. Victor Boyadzhyan (mcico) reintroduced himself to the committee since he had not attended in a while.
2. Discuss Member Needs and Participation in PSMA Activities:
 - a. Educational Seminars:
 - i. Babu C. will send a list of seminar topics and potential speakers from Sandia and collaborating partners.
 - b. APEC Industry Session Topics:
 - i. Joe H. asked if the 2023 APEC IS should focus on a particular subject or be generic. Generic seemed to be the way most participants were leaning, since the presentations could address a wide variety of subjects.
 - ii. IS Subjects that were brought up in the meeting or the meeting chat:
 1. Victor B. – New technologies in aircraft batteries. He mentioned “true blue power”. Related – Babu C. - IEEE and AIAA has joint annual meeting on Electric Aircraft Technologies Symposium, lot of interesting work on power electronics and integration.
 2. Several attendees – Solid State Batteries in transportation and other areas. Babu C. - We have a seminar on solid state batteries next week at the IEEE PES ESSB meeting. Can check with the speakers.
 3. Justin F. - We would be able to speak on storage communications and open standards for such.

4. Patrick L. can present about hydrogen storage in Europe.
5. Henrik L. – Polarium would love to give a talk during APEC 2023, subject TBD
6. Ada C. - long term energy storage for overcoming seasonality in PV/wind
7. Ada C. and others – Battery State-of-Health

3. Other Topics

- a. Ada C. - PSMA is developing a slide deck about the association. It includes overview slides for each committee. Eric S. submitted some already. Eric S. will send out these slides to the committee for discussion and suggestions for improvements.
- b. Next meeting 20 July.