

PSMA Transportation Electrification Committee Meeting

Attendance for 9/21/22 PSMA Committee Meeting

- 1) Fred Weber
- 2) Fernando Salcedo
- 3) John Horzepa
- 4) Dinesh Kithany

Upcoming Meetings

- October 18, at 11 AM CT

Committee Co-Chairs

Fernando Salcedo and Dinesh Kithany have both volunteered to join Thomas Foulkes and Fred Weber to serve as co-Chairs for the Transportation Electronics Committee. With APEC coming up we need strong leadership in order to continue to offer the quality sessions that the Transportation Electronics Committee is known for. The additional chairs will give the committee the necessary depth within the leadership position. To that end, **I would like to recommend that we accept Fernando and Dinesh as Transportation Electronics Committee Co-Chairs.**

*****Our committee needs to vote on this before it goes to the board. I look forward to receiving your votes as soon as possible.**

Electrification Workshop Summary

- There was almost 10 hours of content with an additional hour of Q&A with Roundtable discussion
- We had some struggles with presenters leaving companies and forgetting their commitment, but having the majority of the presentations pre-recorded was a real benefit.
- We only had 16 paid attendees, and 11 paid presenters. I believe there are several reasons for this soft number:
 - The time for virtual events has passed. I believe that having this workshop 1.5 to 2 years earlier would have yielded a much higher number. There is a bigger desire to have in person events now.
 - This is our first real push into the automotive/vehicle industry. The attendance shows we have a long way to go to establish credibility within the industry.
 - We should determine what we can do with the recorded and archived information to improve our standing. Open to suggestions....
 - Having a bigger social media presence may have helped get some additional attendees.
- The Workshop was not a loss in \$\$, but it definitely was not the money maker we were hoping for. It certainly, from a financial perspective, was not worth the number of man hours we put into this.

- I would like to take this moment to thank Fernando Salcedo, and Dinesh Kithany for their participation in the workshop. They managed the Q&A and Roundtable, but more than that they really supported the final drive to get things done. Thank you.

Industry Session

- Here is our current Industry Session Theme – Requesting your input on the following:

“With New Government Focus on Electrification, What Needs to Happen, What Is in The Near Future?”

Possible Subjects –

- 1) **What are the gaps in the charging infrastructure – Chris Whaling (Chris to get approval)**
 - 2) **Bi-Directional Charging Topologies – Best ways to get power on and off the grid – Matthias Preindl**
 - 3) **Uni-Directional or Bi-Directional Charging, what is the future – what Countries/States Can do What – Dinesh**
 - 4) **How ready are the utility Companies for Bi-Directional Charging – Matthias may have so contacts**
 - 5) **Low Power ubiquitous charging – availability, efficiency, expanding availability – Dr. Krein**
 - 6) **Key component advancements in Traction Inverter Technology – Lincoln Xue**
 - 7) **AC vs DC Charging what is the best direction... - Davide looking for speaker**
 - 8) **Tier 1 perspective of Charging direction – ABB, Delta, Vitesco**
 - 9) **Standardizing Ports – Dinesh looking for speaker / DOE, Utilities**
 - 10) **Recycling Batteries – Fred to track down / might be too big an issue**
 - 11) **Solid State Batteries – long way off / tech needs to be advanced – Japanese seem to be leading the charge**
- Given the awesome topics we had in the Workshop we can definitely recycle several of these topics with updated data for our IS.

 - We also need **PTR subjects**. We can cherry pick from the Workshop, but I would expect that there are other great subjects and presenters that would be ideal for the PTR.