

## PSMA Transportation Electrification Committee Meeting

### Attendance for 1/9/22 PSMA Committee Meeting

- 1) **Fred Weber**
- 2) **Fernando Salcedo**
- 3) **Davide Giacomini**
- 4) Dinesh Kithany
- 5) Thomas Foulkes
- 6) Chris Whaling
- 7) Stephen Kosowski
- 8) Lincoln Xue
- 9) Matthias Preindl
- 10) Michael Willis
- 11) Philip Krein
- 12) Joe Horzepa
- 13) **John Horzepa**
- 14) **Lukas Mueller – Micro Metals – Magnetics Committee**
- 15) Gyan Dutt
- 16) Renee Yawger
- 17) Shajjad Chowdhury (ORNL)

### Upcoming Meetings

- February 6 at 11:00 AM CT

## Committee Co-Chairs

**The board has approved Dinesh and Fernando as Co-Chairs**

### Responsibilities:

Fernando Salcedo – Industry Sessions (IS16 in Orlando)

Dinesh Kithany – PTR Submissions

Fred Weber – Workshop completion

Fernando & Dinesh – Individual webinars

All co-Chairs need to Promote the Transportation Committees offerings within the Vehicle Electrification industry.

Fred Weber - Continue to engage with the Marketing Committee

Fred Weber – Propose to Webmaster to have a banner where it is promoting a specific committee during a given month. Also, have a tab for the Workshop Registration.

## What to do with Workshop Recording:

- Sell entire workshop registration and promote on social media - \$199.00 non-member - \$99.00 member.
  - Link to future content from Transportation Committee
  - How do we handle new Q&A – find interest and possibly create a new Webinar offering
  - Discount percentage for membership (original price) – 42%
  - **Get Speakers to promote**
- After 6 months – past APEC / use for PTR
- **NEED TO PROMOTE** on the Website (Lisa to work with Webmaster)– Fred to generate promotional flyer. Done

- Use for PTR / Extract the presentations for electrification trends and development activities are occurring.

## 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?”**

Subjects –

|  |          |          |
|--|----------|----------|
| <i>What Are the Gaps In the Charging Infrastructure [Confirmed]</i>                                | Chris    | Whaling  |
| <i>Bi-directional Charging Topologies - Best Ways to get Power On and Off the Grid [Confirmed]</i> | Matthias | Preindl  |
| <i>A Summary of EVs@Scale Consortium (NREL) [Awaiting response/Not Confirmed]</i>                  | Andrew   | Meintz   |
| <i>Key Component Advancements in Traction Inverter Technology [Confirmed]</i>                      | Burak    | Ozpineci |
| <i>"Performance Limits of Magnetic Components and How to Achieve Them" [Confirmed]</i>             | Lukas    | Mueller  |
| <i>How Ready are the Utility Companies for Bi-Directional Charging [Confirmed]</i>                 | Dinesh   | Kithany  |
| <i>AC vs. DC Charging "What is the best direction" [Confirmed]</i>                                 | Fernando | Salcedo  |

#### **For next year, possible ideas**

- 1) *Gaps between Technology, and Policy makers – Michael Willis to find speaker*
  - 2) *How ready are the utility Companies for Bi-Directional Charging – Dinesh*
  - 3) *Low Power ubiquitous charging – availability, efficiency, expanding availability – Dr. Krein*
  - 4) *Tier 1 perspective of Charging direction – ABB / Dinesh reaching out, also Delta / Fernando reaching out, Vitesco*
  - 5) *Standardizing Ports – Dinesh looking for speaker / DOE, Utilities*
  - 6) *Recycling – Second Life for Batteries – Chris to track down / might be too big an issue – offer a full IS for 2024*
  - 7) *Solid State Batteries – long way off / tech needs to be advanced – Japanese seem to be leading the charge*
  - 8) *AECQ standard update – Could be a Webinar – Call IPC, AEC President, possibly SAE – Fred to look for speaker.*
  - 9) *What is going on with safety of charging LiON batteries- Fred to call Steve at KIA*
- We also need **PTR subjects. How about February presentations???** We can cherry pick from the Workshop, but I would expect that there are other great subjects and presenters that would ideal for the PTR.
  - Plan Transportation Webinars in general