

S.11 Charge Cycle Optimization and Energy Management for Battery Electric Vehicles Minutes

Chairman: Zack Ruderman, Orange EV

Secretary: Angela Kupchella, Davco

Zack opened the meeting by making attendees aware of the ATA antitrust and patent disclosure guidelines. He reviewed the agenda, the RP draft, and the power point presentation on this task force. The following are the comments, questions, and answers.

- Thermo King – It would be helpful to have TRUs were in scope as onboard power source is needed. Tractor and TRU are independent from one another.
 - Alexis, Electrada – Agree helpful to have TRUs in scope.
 - Colby White, Great Dane – Agree as well, will have battery port for reefer charger, but the element needs assessed as well “buddy plugs” for refer.
 - Kirk Rutherford – Proposing TRUs is separate recommended practice.
 - Thermo King, Matt Srnec– 500,000 reefer trailers in the industry, but he needs to confirm numbers.
 - Ken Marko, US Foods – Consider TRU as separate recommended practice.
 - Where does charge management software fit into RP to manage the charge like during peak load onsite.
 - We will need to propose a parallel RP for TRU battery management in either S.7 or S.11 (Matt Srnec from Thermo King) with agreement from Kirk Rutherford and Ken Marko.
- Zack proposed 2-3 meetings over next few months to ensure all feedback is captured. The green sheets were collected. The meeting was adjourned. The Task Force will meet in open session in September during TMC’s 2024 Fall Meeting in Raleigh, NC.