

Minutes for Team HEV meeting with Dr. Schafer 2/15/2010

1. Action Items

- Balancing Circuitry Completed [Siyuan]
 - Concerns about diode ratings that 1A cannot handle 1.8 A
 - Concerns are addressed, because these caps will never reach that point due to balancing nature
- Charging Circuitry Connections [Siyuan]
 - All permanent connections (robust)
 - Connectors just came in, so will begin construction shortly
- Current sensor research [Bill & Matt]
 - Acquired current sensor for testing
 - Began working on the circuitry
- GPS research [Anne]
 - continued looking at GPS information
 - will meet with Prof. Schafer sometime this week to discuss
- Ultracapacitor Boxes [Anne]
 - Went to Lowe's and Menard's. Will go back on Tuesday to talk to local expert

2. To-Do List

- Circuit board design for A/D current sensor circuit on the starter [Bill & Matt]
- 70 A fuse and tapping into hot [Siyuan, Bill, & Matt]
- Order the current sensor for starter circuit [Bill & Matt]
- Glow plug circuitry [Siyuan, Bill, & Matt]
- Demo
 - Any circuitry that would go on a board
 - Current sensor boards
 - Charging circuitry