

Agenda for Team HEV Weekly Meeting with Professor Schafer, 1/18/2010:

1. Share the expectations from Professor Bauer from meeting on 1/13/2010
2. Action Items - Completed
 - a. Improve the connections
 - i. Acquire a Perf board and the proper connectors for the rectifier- Bill
 - ii. Duplicate our circuit from the Breadboard to Perf board- Matt
 - b. Connect the output of generator to the transformer to the rectifier to the ultra capacitor stack
 - i. Generator to Transformer and rectifier- Siyuan
 - ii. Ensure ultra capacitors can discharge - Anne
3. Actions Items – Open
 - a. Use the ultra capacitor voltage to turn on/off the generator
 - i. Should be complete, but we did not test this in Dec. If incomplete- Siyuan will check his code
 - b. Deal with the weather
 - i. Acquire a tent/tarp to prevent the generator from snow if we are testing outside in flurries/windy conditions - Anne
 - c. Correct the circuit to allow a change from Relays and Mosfets to only Mosfets – Bill
 - d. Appropriately size the wires for our circuit - Matt
4. Future Items – January Timetable
 - a. Exact voltage range the generator can function (i.e. 62 V minimum, 81 V maximum)
 - b. Current sensor to determine exact length of time the starter should be on
5. Future Items – February Timetable
 - a. See if there are extra ultra capacitors to connect to the 12V battery to prevent it from dying
 - b. GPS