FSU Solar Car Team

Term: Fall 2012

Meeting: 6

Date: 10/02/2012

Time: 5:30pm

Location: McLaren Classroom, CAPS, Building A

Attendance: Matthew Bosworth, ECE Project Leader

Christopher Dresner, ECE Business Administrator

Ahmad Farhat, ECE Treasurer

Thierry Kayiranga, Secretary

Clay S. Norrbin, ME Leader

Daniel R. Green, ME Finance Administrator

Joseph Petite Homme, ME Treasurer

Absentee(s):

Agenda: Discuss Milestone #2

Discussion:

* New Developments
  + ME weekly meeting will occur on Thursday at 4:30pm
  + ME need to talk to Dr. Hollis about the swept and boundary blend
  + Need to finalize calculations on total torque to figure out which motor to build our design around.
    - Goal: Get founding so next year can simply buy the motor
* Motor
  + Price: Roughly $19,000 ( + controller)
  + Reason why: Most used by other competitors

Very efficient: 94%

* + Contact waiting for Pro E sketches and design
    - Contacts list: E-Plastic

Plastic International

…New one in Missouri. Ryan will provide more info during next meeting

* May use two different types of solar panels
  + - Monocrystalline, for high current around 41.6 A max
    - Power film, for high voltage around 24.5 V max
    - Max power accumulated from solar cell, approximately 900 W
    - Budget Estimation, around $100
* Tasks
* Due next week

FOR EVERY MEMBER: Considering the length of Milestone #2 report, every member is required to have accomplished at least half a page of material toward the milestone in their concentration area.

* Announcements
* None

Next meeting

Date: 10/09/2012

Time: 5:30pm

Location: McLaren Classroom, CAPS, Building A

Agenda: Progress on tasks

Progress on Milestone #2 Completion