

## **WEEKLY REPORT**

**Date: 10/20/15-10/26/15**

Group number and Name: May1621

Project Name: Hybrid solar and wind generation system

Client/Advisor: Venkataramana Ajjrapu

Attendees/Role: Team Leader: Dylan Hird, Team Webmaster:

Xiangpeng Yang, Team Communicator: Jeremy Helgeson, and Team Key

Concept Holder: Lucas Viana

### **Past week accomplishments (please describe as what, who, when)**

- Continue learning and gathering a better understanding of our project specifications.
- Understand implementation of MPPT in Simulink.
- Gather data points from solar panel and compare to simulation results.

### **Plan for coming week**

- Gather data of power flow of the solar panel system.
- Research LABview applications for gathering outputs from system.
- Work on specifications for project.

### **Pending issues**

- Dylan: Set up a group email.
- Xiangpeng: Update website.
- Group: Work on design document.

### **Individual contributions**

- Dylan Hird: Completed design document, brainstorming, and attended meeting.

- Jeremy Helgeson: Created weekly report, brainstorming, attended meeting, worked to generate viewable real time outputs of the solar system.
- Xiangpeng Yang: Brainstorming, Attended meeting, Uploaded useful information to website, collected data points for power flow of solar panel system.
- Lucas Viana: Brainstorming, collected data points for solar module calculations, collected data points for power flow of solar panel system, attended meeting.

### **Individual hourly contribution**

- Dylan Hird (180 min)
- Jeremy Helgeson (180 min)
- Lucas Viana (180 min)
- Xiangpeng Yang (180 min)