WEEKLY REPORT   **Date: 10/13/15-10/19/15**

Group number and Name: May1621
Project Name: Hybrid solar and wind generation system
Client/Advisor: Venkataramana Ajjarapu
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.
- Research on components of solar PV power generation.
- Present I-V characteristic graph and P-V characteristic graph.

Plan for coming week

- Gather real data for solar irradiance and temperature and use them to gather I-V and P-V curves with our specified solar module.
- Research MPPT in Simulink and MATLAB.
- 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: Research inverters and converters for solar model, research MPPT and Inverters in Simulink, brainstorming, and attended meeting.
- Jeremy Helgeson: Created weekly report, brainstorming, attended meeting, research MPPT and Inverters in Simulink.
- Xiangpeng Yang: Brainstorming, Attended meeting, Uploaded useful information to website, collected data points for solar module calculations.
- Lucas Viana: Brainstorming, collected data points for solar module calculations, research inverters and converters for solar model, attended meeting.

Individual hourly contribution

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