

WEEKLY REPORT

Date: 10/6/15-10/12/15

Group number and Name: May1621

Project Name: Hybrid solar and wind generation system

Client/Advisor: Venkataramana Ajarapu

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 technology.
- Work on specifications for project.

Pending issues

- Dylan: Set up a group email.
- Xiangpeng: Update website.

Individual contributions

- Dylan Hird: Simulate I-V and P-V curves, brainstorming, and attended meeting.

- Jeremy Helgeson: Created weekly report, brainstorming, attended meeting, Simulate I-V and P-V curves.
- Xiangpeng Yang: Brainstorming, Attended meeting, Gather knowledge on MPPT technology.
- Lucas Viana: Brainstorming, Gather knowledge on MPPT technology, attended meeting.

Individual hourly contribution

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