EE/ CprE 491 – ssddec18-19 Weekly Report
3/13/18 – 3/27/18
Group number: 19
Project Title: Design and Implementation of a small scale standalone Hybrid Solar PV and Wind Energy Generation System

Client & Advisor:

Venkataramana Ajjarapu

Team Members/Role:

Christopher Goodrich: Reasearch Engineer
Taylor Mullen: Testing Engineer
Kenny Nguyen: Testing Engineer
Damon Stubbs: Research Engineer
Andrew Wassenaar: Team Leader

Past Week Accomplishments:

- Spring Break – Team members reviewed and reflect upon lab setup and strengthen understanding of lab components and how lab was setup

Issues:

- **The lab has very obvious shorts and is giving faulty readings.**
- **We were not allowed to move the solar panels to the roof due to cost and policy constraints.**
- **Due to our professor's schedule, we were not able to meet with him.**

Individual Contributions:

Name	Individual Contribution	Hours this Week	Cumulative Hours
Christopher Goodrich	Continued looking into moving solar panels to the roof of cover. Due to legal constraints, we as a senior design team were not allowed to move the panels. We were also unable to have a contractor move the panels because the cost was too high.	6	30
Taylor Mullen	Continued to research ideas for improving the lab	2.5	23.5

Kenny Nguyen	Reviewed lab setup and components, continued to brainstorm ideas on loads that can be added to lab	3	25
Damon Stubbs	Went through lab setup, dissected Arduino code	2.5	24
Andrew Wassenaar	Talked to Kyocera, solar panel company, and found out they no longer manufacture solar panels. Researched other solar panel companies and if their panels would interface well with the existing panels.	5	27.5

Plans for coming Week:

- Ran through lab with group members and simulate the lab components and compare simulated values to actual experimentation values