
EE 492 WEEKLY REPORT 2

Date: 1/17/17-1/23/17

Group number: May1728

Project title: Impact of High Photo-Voltaic Penetration on Distribution Systems

Client &/Advisor: Alliant Energy/ Dr. Ajarapu

Team Members/Role: Nat Summitt/Team Leader, Sam Searls/Team Webmaster, Wyatt Lauer/Communications, Mark Szkodyn and Abdul Waasay Mirza/New Developments

- **Weekly Summary (Short summary about what you did this week)**
- We had our first meeting of the semester with Dr. Ajarapu on Thursday at 11:50 A.M. to discuss what our plan is for the semester. During the meeting, we talked about where we finished up last semester and decided that we needed to accomplish three things for our meeting next week:
 - ❖ Look over the groups work from last semester to determine a starting point
 - ❖ Make a plan of what we would like to accomplish for the semester
 - ❖ Review actual community solar projects to gain an understanding of definitions used in real projects
- **Past week accomplishments (please describe as what was done, by whom, when)**
 - Nat Summitt: Looked at previous groups work, made a plan for the semester goals, and looked into real community solar projects.
 - Wyatt Lauer: Looked at previous groups work, made a plan for the semester goals, and looked into real community solar projects.
 - Sam Searls: Updated the website. Looked at previous groups work, made a plan for the semester goals, and looked into real community solar projects.
 - Mark Szkodyn: Looked at previous groups work, made a plan for the semester goals, and looked into real community solar projects.
 - Abdul Wassay Mirza: Looked at previous groups work, made a plan for the semester goals, and looked into real community solar projects.
- **Pending issues (if applicable)**
 - Still waiting for NDA forms to get approved from Alliant Energy

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Nat Summitt	Looked into previous groups work, made semester plan, researched real community solar projects	3	5
Wyatt Lauer	Looked into previous groups work, made semester plan, researched real community solar projects	3	5
Sam Searls	Continued working on the website, looked into previous groups work, made semester plan, researched real community solar projects	3	5
Mark Szkodyn	Looked into previous groups work, made semester plan, researched real community solar projects	3	5
Abdul Waasay Mirza	Looked into previous groups work, made semester plan, researched real community solar projects	3	5

○ **Plan for coming week (please describe as what, who, when)**

- Nat Summitt: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the plan for the semester goals, continue looking for details in previous groups work, and continue researching community solar projects. Contact Darin Lamos and Dr. Novak to get an update on the NDA forms
- Wyatt Lauer: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the plan for the semester goals, continue looking for details in previous groups work, and continue researching community solar projects.
- Sam Searls: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the plan for the semester goals, continue looking for details in previous groups work, and continue researching community solar projects. Continue updating the website.

- Mark Szkodyn: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the plan for the semester goals, continue looking for details in previous groups work, and continue researching community solar projects.
- Abdul Wassay Mirza: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the plan for the semester goals, continue looking for details in previous groups work, and continue researching community solar projects.
- **Summary of weekly advisor meeting (if applicable/optional)**
 - Discussed accomplishments from last semester, decided on goals for the meeting next week at the same time (research last groups work, make a plan for the coming semester, research real world community solar projects).