

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 second 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 our plan for the semester, where the last group left off, and contacted Darin Lamos at Alliant Energy to discuss the project. For the meeting next week, our goals are:
 - ❖ Get the NDA situation figured out with Alliant
 - ❖ Analyze our work from last semester
 - ❖ Prepare a presentation for Dr. Ajarapu that has 2-3 slides explaining what we did last semester and the important conclusions from our work
- **Past week accomplishments (please describe as what was done, by whom, when)**
 - Nat Summitt: Contacted previous group leader, obtained NDA forms, and worked on presentation for next meeting.
 - Wyatt Lauer: Analyzed work from previous semester and worked on presentation for our next meeting.
 - Sam Searls: Updated the website. Analyzed work from previous semester and worked on presentation for our next meeting.
 - Mark Szkodyn: Analyzed work from previous semester and worked on presentation for our next meeting.
 - Abdul Wassay Mirza: Analyzed work from previous semester and worked on presentation for our next meeting.
- **Pending issues (if applicable)**
 - None (Finally received NDA's)

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Nat Summitt	Contacted previous group leader, talked with group about presentation this week	3	8
Wyatt Lauer	Went over previous work and created presentation for next meeting	3	8
Sam Searls	Continued working on the website, went over previous work, and created presentation for next meeting	3	8
Mark Szkodyn	Went over previous work and created presentation for next meeting	3	8
Abdul Waasay Mirza	Went over previous work and created presentation for next meeting	3	8

○ **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 presentation for the meeting, continue looking for details in previous groups work, and continue researching community solar projects. Start working with the Alliant Energy system
- Wyatt Lauer: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the presentation for the meeting, continue looking for details in previous groups work, and continue researching community solar projects. Start working with the Alliant Energy system
- Sam Searls: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the presentation for the meeting, continue looking for details in previous groups work, and continue researching community solar projects. Start working with the Alliant Energy system Continue updating the website.
- Mark Szkodyn: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the presentation for the meeting, continue looking for details in previous groups

- work, and continue researching community solar projects. Start working with the Alliant Energy system
- Abdul Wassay Mirza: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize the presentation for the meeting, continue looking for details in previous groups work, and continue researching community solar projects. Start working with the Alliant Energy system
- **Summary of weekly advisor meeting (if applicable/optional)**
- Discussed accomplishments from last semester and decided on goals for the meeting next week at the same time (follow up with Dr. Novak to figure out the progress of the NDA's, create a presentation covering our work from last semester).