

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 another meeting with Dr. Ajarapu on Thursday at 11:50 A.M. to further discuss what our plan is for the semester. During the meeting, we presented our findings in the previous groups work and where they left off semester, and we also presented our accomplishments from last semester to refresh Dr. Ajarapu. During the meeting, we decided to have the following completed by the next meeting:
 - ❖ Email Dr. Novak to make sure we can use the Alliant Energy files
 - ❖ Following approval from Dr. Novak, gain an understanding of the Alliant Files
 - ❖ Prepare for meeting with Dr. Ajarapu
- **Past week accomplishments (please describe as what was done, by whom, when)**
 - Nat Summitt: Contacted Dr. Novak, finished NDA agreements, started looking into details of old group's work, look into the Alliant system in Washington, IA.
 - Wyatt Lauer: Finished NDA agreements, started looking into details of old group's work, look into the Alliant system in Washington, IA, and presented to Dr. Ajarapu.
 - Sam Searls: Updated the website. Finished NDA agreements, started looking into details of old group's work, look into the Alliant system in Washington, IA, and presented to Dr. Ajarapu.
 - Mark Szkodyn: Finished NDA agreements, started looking into details of old group's work, look into the Alliant system in Washington, IA, and presented to Dr. Ajarapu.
 - Abdul Waasay Mirza: Finished NDA agreements, started looking into details of old group's work, look into the Alliant system in Washington, IA, and presented to Dr. Ajarapu.

- **Pending issues (if applicable)**
 - None (Finally received NDA's and figured out the situation)
- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Nat Summitt	Contacted Dr. Novak, talked with group about presentation this week, looked into Alliant files	4	12
Wyatt Lauer	Presented to Dr. Ajarapu, looked into Alliant files and past groups work	4	12
Sam Searls	Continued working on the website, presented to Dr. Ajarapu, looked into Alliant files and past groups work	4	12
Mark Szkodyn	Presented to Dr. Ajarapu, looked into Alliant files and past groups work	4	12
Abdul Waasay Mirza	Presented to Dr. Ajarapu, looked into Alliant files and past groups work	4	12

- **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., meet with the rest of the group on Monday and possibly Wednesday, continue looking for details in previous groups work, and start working with the Alliant Energy system.
 - Wyatt Lauer: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., meet with the rest of the group on Monday and possibly Wednesday, continue looking for details in previous groups work, and start working with the Alliant Energy system.
 - Sam Searls: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., meet with the rest of the group on Monday and possibly Wednesday, continue looking for details in previous groups work, and start working with the Alliant Energy system.
 - Mark Szkodyn: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., meet with the rest of the group on Monday and possibly Wednesday, continue looking for details in previous groups work, and start working with the Alliant Energy system.

- Abdul Wassay Mirza: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., meet with the rest of the group on Monday and possibly Wednesday, continue looking for details in previous groups work, and 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 finalize the NDA's, look into all of the Alliant files to gain a base understanding).