

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. We discussed our current progress, and we concluded that we need to finish by next week in order to prepare for the poster, the final document, and the final document. Our goals for next week are below:
 - ❖ Finish up of our research/analysis
 - ❖ Finish the poster to get advice on what to change
 - ❖ Start working on the final document
- **Past week accomplishments (please describe as what was done, by whom, when)**
 - Nat Summitt: Ran final case for simulations for the south region and met with the group to discuss the poster. Looked into needed items for final document.
 - Wyatt Lauer: Ran final case for simulations for the south region and met with the group to discuss the poster. Looked into needed items for final document.
 - Sam Searls: Updated the website, ran final case for simulations for the south region and met with the group to discuss the poster. Looked into needed items for final document.
 - Mark Szkodyn: Ran final case for simulations for the south region and met with the group to discuss the poster. Looked into needed items for final document.
 - Abdul Wassay Mirza: Ran final case for simulations for the south region and met with the group to discuss the poster. Looked into needed items for final document.
- **Pending issues (if applicable)**
 - None

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Nat Summitt	Worked on final simulations needed for project, worked on poster, started final document	8	56
Wyatt Lauer	Worked on final simulations needed for project, worked on poster, started final document	8	56
Sam Searls	Updated website, worked on final simulations needed for project, worked on poster, started final document	8	56
Mark Szkodyn	Worked on final simulations needed for project, worked on poster, started final document	8	56
Abdul Waasay Mirza	Worked on final simulations needed for project, worked on poster, started final document	8	56

○ **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 our conclusions and continue to work on our poster. The group will also need to meet to agree on a plan for putting the final document and the final presentation together. The group will meet Wednesday night to finish the poster and discuss the final document. After the meeting on Thursday, our team will meet Saturday to finalize the poster and start working on the final document.
- Wyatt Lauer: Prior to meeting with Dr. Ajarapu on Thursday at 11:50 A.M., finalize our conclusions and continue to work on our poster. The group will also need to meet to agree on a plan for putting the final document and the final presentation together. The group will meet Wednesday night to finish the poster and discuss the final document. After the meeting on Thursday, our team will meet Saturday to finalize the poster and start working on the final document.

- Sam Searls: Prior to meeting with Dr. Ajjrapu on Thursday at 11:50 A.M., finalize our conclusions and continue to work on our poster. The group will also need to meet to agree on a plan for putting the final document and the final presentation together. The group will meet Wednesday night to finish the poster and discuss the final document. After the meeting on Thursday, our team will meet Saturday to finalize the poster and start working on the final document. Continue updating the website.
 - Mark Szkodyn: Prior to meeting with Dr. Ajjrapu on Thursday at 11:50 A.M., finalize our conclusions and continue to work on our poster. The group will also need to meet to agree on a plan for putting the final document and the final presentation together. The group will meet Wednesday night to finish the poster and discuss the final document. After the meeting on Thursday, our team will meet Saturday to finalize the poster and start working on the final document.
 - Abdul Wassay Mirza: Prior to meeting with Dr. Ajjrapu on Thursday at 11:50 A.M., finalize our conclusions and continue to work on our poster. The group will also need to meet to agree on a plan for putting the final document and the final presentation together. The group will meet Wednesday night to finish the poster and discuss the final document. After the meeting on Thursday, our team will meet Saturday to finalize the poster and start working on the final document.
- **Summary of weekly advisor meeting (if applicable/optional)**
 - In the meeting this week, we discussed the research that we completed the previous week and talked about the results. We agreed that a few more small steps were needed to finish up the project and that those steps needed to be done by the meeting next week so we can discuss putting it all together for the final presentation, document, and the poster.