

**sdmay23-27: 115kV/34.5kV Solar Power Plant & Substation Design Project**

Week 9 Report

November 28 - December 2

**Team Members**Madison Lakomek — *Researcher*Brooke Nelson — *Researcher*Ashton Randolph — *Researcher*Jacob Miller — *Researcher*Jenna Runge — *Meeting minutes taker*Madissen Lawrence — *Team Leader*Zachary Zimmerman — *Researcher*Omer Karar — *Researcher***Summary of Progress this Report**

We completed the final report as well as the final presentation for our project. Additionally, we met with Ajarapu to discuss our progress this semester, and Black and Veatch to practice our presentation and hear feedback. During class we also practiced our presentation and received advice to add a requirements slide, an image that shows where all of the components are located, and better define for the audience the terminology we are using.

**Pending Issues**

We need to determine times we can meet next semester, get the last signature for the NDA and IP agreement, turn in our report, and give our final presentation on 12/6.

**Plans for Upcoming Reporting Period**

There are no more reports due this semester, but in the next week we will resolve most of the pending issues listed above except for finalizing times to meet next semester. We have already begun discussing times that could work well, and we will more concretely determine time options for our meeting schedule once everyone has finalized their schedules for next semester. We will likely finalize these meeting times closer to the start of Spring 2023 semester after discussing times with Black and Veatch and Ajarapu.

**Individual Contributions**

| Team Member     | Contribution   | Weekly Hours | Total Hours |
|-----------------|--|--------------|-------------|
| Madison Lakomek | worked on slides for the final presentation. I also attended the Black & Veatch, Ajarapu, and final presentation practice meeting. Assisted in writing part 3 and the conclusion of the design documentation. I also went through and labeled all charts and figures and fixed all the formatting. | 6            | 0           |
| Brooke Nelson   | Worked on getting my final presentation  | 4            | 0           |

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|-------------------|--|-----|---|
|                   | slides ready and helped group members complete the final design document.<br>Attended all meetings this week.  |     |   |
| Ashton Randolph   | This week I worked on the final presentation slides and my script. In addition I worked on the final design document, specifically the conclusion section. I attended weekly meetings with Ajarapu, Black & Veatch, and teamwork times.  | 4   | 0 |
| Jacob Miller      | attended all meetings, worked on final presentation, proofread final design document.  | 3   | 0 |
| Jenna Runge       | Meeting minutes taker during Black and Veatch meeting. This week I attended the Black and Veatch meeting and practice presentation, but missed the meeting with Ajarapu due to not feeling well. I worked on the design document and my script for my portion of the presentation. | 3.5 | 0 |
| Madissen Lawrence | This week I attended all meetings and practice presentations. I also was the presenter during the Black and Veatch meeting. Lastly, I worked on the final presentation, final report, weekly report, updated the team website, and distributed the weekly report.                  | 5   | 0 |
| Zachary Zimmerman | Researcher. I attended all meetings and presented the CAD drawings to our clients. I worked on the design section, glossary, and overall template of our final report.   | 4   |   |
| Omer Karar        | I attended weekly meetings with Ajarapu, Black & Veatch meetings, and teamwork sessions. I worked alongside the group member on the final presentation slides, besides working on my part of the slides. Participate in the final design document.                                 | 3   | 0 |
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### Gitlab Activity Summary

Nothing to report.

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