

Team Name: sdmay24-18

Team Members: Eli Schaffer, Baylor Clark, Eduardo Jimenez-Tzompaxtle, Chicheng Tang, Liam Gossman, Siti Mohd Radzi

Report Period: Aug 28-Sept 10

### **Summary of Progress in this Period**

Met with the team and discussed roles and consequences for missing deadlines and other issues.

Set up preliminary GitLab tasks and deadlines.

Met with TA about group discussions and introductions.

Met with industry professionals about general terms, project scope, and solar array layout and terms.

Learned about our project scope and other concepts relating to our project as well as code required.

Rough deadlines for our project in the form of a gantt chart.

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### **Pending Issues**

Looking for a definite solar cell to use as well as other equipment that we will need to use in a solar array.

Confirm design steps with industry professionals to ensure proper design deadlines.

Finding a location in Ames or a surrounding town to build a solar plant on.

Signed NDA and IP agreements from Iowa State from both the industry professionals and group members.

Looking at and saving various data sheets for photovoltaic cells, combiner boxes, and solar inverters (skids) for our project.

High level understanding of what goes into designing and constructing a solar plant.

High level understanding of what goes into designing and constructing a substation.

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### **Plans for Upcoming Reporting Period**

Determine who is going to be working on what team.

Determine who is taking what meeting notes when and who is going to be giving safety talks to our industry professionals when.

Check to make sure that we understand how the information from the datasheets apply to the array parameter tool given to us by the industry professionals.

Compare plant locations in IA and NM to see what the difference in production and heat loss is.

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