

Senior Design Bi-Weekly Status Report; Fall 2020

Team Name: sdmay21-proj044

Team Members: Christof Barrier, Cortland Polfliet, Logan Hinkle, Eric Schultz, Keve Hughes, Brian Lemke, Nolan Rogers,

Report Period: Aug 31-Sept 13

Summary of Progress in this Period

1. High level understanding of solar farm operation
 2. Developed a better understanding of the project flow and how mentors will help us along the way
 3. Settled on components to use for the design, other than the solar panels themselves
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Pending Issues

1. Solar Array Parameter Tool calculations
 2. Deciding between a 340W or 410W solar panel
 3. Further research into inverter specifications and how they affect our solar array
 4. Upcoming meetings on Monday and Thursday (tentative)
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Plans for Upcoming Reporting Period

1. Continue learning how to use the Array Parameter Tool, and going into other aspects of the solar plant design.
2. Talk more about non-disclosure agreements and when they would be ready to sign.
3. Research average costs for our inverters, solar panels, and combiner boxes
4. Get a better idea on timetables for tasks given by the mentors