

Team Name: sdmay24-18

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

Report Period: October 23 - November 5

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

Gave a presentation on solar farm circuits and power industry challenges to our faculty advisor.

Created wiring diagrams in AutoCAD for the solar arrays.

Updated previous AutoCAD drawings with dimensions and scales.

Continued voltage drop calculations with updated array dimensions.

Created a model circuit in ETAP to simulate power flow in a solar power plant.

Gave a presentation in class over our previous and current design choices.

---

### **Pending Issues**

Look over industry client comments on how to update AutoCAD drawings.

Learn more about ETAP settings and parameter options.

Start lightning talk and the next design document section.

---

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

Work on voltage drop calculations.

Create single-line AC and DC drawings in AutoCAD.

Continue working on the ETAP circuit.

Continue updating previous drawings.

Finish lightning talk and design document section.

---