

Team 05

Project Title: Solar Power Plant and Substation

Date: 11/7/2021

Members:

- John Jennison
- Aayush Shah
- Adilene Prieto
- Kyle Neal
- Logan Miller
- Matthew Schindler
- Shadoe Rusk

What we've accomplished in the past week/what we've been researching

- John Jennison - Researched information about PV design, made changes to work plan and Gantt chart.
- Aayush Shah - Worked on week 10 lightning talk and helped developed the One Line Drawing
- Adilene Prieto - Researched how sunlight is converted into electricity for a presentation for Ajarapu. Worked on and submitted the lightning talk presentation.
- Kyle Neal - Worked on Testing Lightning talk, Completed key plan drawings, Completed one line drawings, Researched PV, Inverter, DC to AC
- Logan Miller - PV circuit model info gathered
- Matthew Schindler - Completed one line drawing, Completed subarray drawing, Lightning talk
- Shadoe Rusk - Voltage Drop, One line modificaitons

What we're planning to do in the coming week

- John Jennison - submit final draft of semester 1 gantt chart, submit first draft of semester 2 gantt chart
- Aayush Shah - Work on Voltage Drop Calculations and Presentation for Professor
- Adilene Prieto - Going to work on the cost analysis of the solar panel project.
- Kyle Neal - Advisor Presentation

-Logan Miller - Complete voltage drop calculations

-Matthew Schindler - Help create advisor presentation

-Shadoc Rusk - Voltage Drop Calculations finalization for full arrays, AC/DC calculations, Video Presentation

Issues we had in the previous week

-John Jennison - The canvas assignments got a little behind us. We were able to chat up and submit on time. We will coordinate better this week to not submit our assignments too close to the last minute.

-Aayush Shah - No, I did not run into any issues as of yet.

-Adilene Prieto - No issues encountered

-Kyle Neal - No significant issues encountered

-Logan Miller- No issues

-Matthew Schindler - no issues, but I will not be in town for the upcoming week so I will miss the advisor and client meeting due to a medical procedure.

-Shadoc Rusk - No issues encountered within the previous week