

Team 05

Project Title: Solar Power Plant and Substation

Date: 10/31/2021

Members:

- John Jennison
- Aayush Shah
- Adilene Prieto
- Kyle Neal
- Logan Miller
- Matthew Schindler
- Shadoc 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. New Technology - EMP Vulnerability.
- 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
- Shadoc Rusk - Key Plan Design Modification, Worked on Testing Document

What we're planning to do in the coming week

- John Jennison - submit final 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, Equipment Plan
- Logan Miller - Complete voltage drop calculations

- Matthew Schindler - Help create advisor presentation
- Shadoe Rusk - Cost Analysis, One Line Analysis, Voltage Drop

Issues we had in the previous week

- John Jennison - No Issues
- Aayush Shah - No, I did not run into any issues as of yet.
- Adilene Prieto - No issues encountered
- Kyle Neal - Road on Key plan was drawn 2 feet short :(... (No significant issues)
- 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. Forgot to send meeting to Professor
- Shadoe Rusk - No issues encountered within the previous week