

Team 05

Project Title: Solar Power Plant and Substation

Date: 10/17/2021

### 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 - Submitted gantt chart to client to review, Received comments.
- Aayush Shah - One of the Team leads for the Calculations portion of the solar design. Also had to present the New Technology of the week to the Client
- Adilene Prieto - Researched the dangers of wet floors in the workforce for a safety moment presentation for B&V. Currently researching information about PV systems to present to Ajjarapu. Modified the Gantt chart.
- Kyle Neal - Lightning Talk Presentation, Modified Gantt Chart, New technology- Amazon Astro
- Logan Miller - Array parameter tool used, Research on PV Model for Ajjarapu
- Matthew Schindler - Array Parameter tool, Project plan, and lightning talk presentation
- Shadoe Rusk - Completed Calculations for Array Parameter Tool and took Meeting Notes for our client meeting

### What we're planning to do in the coming week

- John Jennison - Present to professor about solar panels. Work on separate Gantt chart for substation design
- Aayush Shah - Work on the Solar Array Tool Calculator and work on some calculations to prepare for next week's meeting with the Client. Also work on the Design Assignment due on Canvas on Sunday.

-Adilene Prieto - Work on the advisor presentation for Ajarapu, project plan, and the lightning talk presentation due Sunday.

-Kyle Neal - Client Safety Moment, Starting Key Plan, 491 Design Assignment

-Logan Miller - Finalize PV Model slides, Work on Design Project Lightning talk, Submit Weekly Report 8

-Matthew Schindler - Start work on key plan and 1 line diagram, Design assignment

-Shadoc Rusk - Equipment Selection from Array Parameter Tool → Look into Voltage Drop Calculations, Start Key Plan Design, Lightning Talk --- Design Project

### Issues we had in the previous week

-John Jennison - the equipment selection is a little behind schedule, but we are ahead of schedule elsewhere. The equipment selection will soon be done

-Aayush Shah - No issues, still ahead of schedule!

-Adilene Prieto - Had issues modifying the Gantt Chart and deciding what order to complete our subtasks.

-Kyle Neal - No issues, ahead of schedule.

-Logan Miller- No issues

-Matthew Schindler - I had no issues last week

-Shadoc Rusk - Original APT Calculation for Tiger Pro 410W didn't use NOCT values, fixed since.