

Team 05

Project Title: Solar Power Plant and Substation

Date: 10/03/2021

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 - Handled communication and scheduled meetings with the client, researched/ created Gantt charts and project management. Starting a rough schedule for the semester .

-Aayush Shah - Completed research on Inverters and PV Skids for Schneider Electric and ABB as well as presented a Safety Moment (Fatigue) to B&V. In charge of the meeting minutes for this week and document any changes.

-Adilene Prieto - Completed research on different solar panel specification sheets and used judgement to see which would be best to use for our solar plant.

-Kyle Neal - Conducted Client and Advisor Meeting minutes, worked on Adviser presentation, researched inverters and their role in a solar plant

-Logan Miller - Completed research on new technology, Yara Birkeland, and research on combiner boxes and their role in solar plants.

-Matthew Schindler - Researched and compared locations for solar plants and communicated with the advisor.

-Shadoe Rusk - Communicated with TA, scheduled recurring meeting room reservation, and researched combiner boxes and their role in solar power plants.

What we're planning to do in the coming week

-John Jennison - Draft Gantt chart for semester work schedule

-Aayush Shah - Research PV Skids more, Research Equipment Sizing Calculations, Meeting Minutes

- Adilene Prieto - Engineering Standards Presentation,
- Kyle Neal - B&V research, Advisor presentation
- Logan Miller - Engineering Standards presentation,
- Matthew Schindler - Safety Moment B&V research, set up meeting with the advisor
- Shadoc Rusk - New Technology B&V research

Issues we had in the previous week

- John Jennison - Google drive organization, subsequently fixed.
- Aayush Shah - No issues. Attempted to make meetings more concise and more efficiently spread out throughout the week. Group meeting at 3:30pm on Mondays and then B&V, Advisor, and TA meeting on Thursdays 3pm-5pm
- Adilene Prieto - Just deciding what information is relevant on the solar panel specifications.
- Kyle Neal - No major issues
- Logan Miller - Deciding on what new technology to research for the client presentation.
- Matthew Schindler - I made a calculation error that I eventually found so I nearly gave incorrect information to our client. But thankfully I was able to catch it before we presented it to the client.
- Shadoc Rusk - No issues.