

EE 491 Weekly Report | May15-01 | Week 18 (3/23/15 - 4/7/15)

Advisors: Adam Literski, Dr. Ajjarapu

Client: Black & Veatch Corporation

Members (roles): Matt Backes (Team Leader), Ryan Jerve (Communications Leader), Faran Malik (Communications Leader), Sohail Suryavanshi (Webmaster), Bhargav Gouni (Key Concept Holder), Kiran Rane (Key Concept Holder)

Project Title: 69kV / 12kV Substation Design Project

Meeting Notes:

- Submitted revisions on:
 - Primary Relay
 - Backup Relay
 - AC Auxiliary
 - DC Auxiliary
 - ABS681 DC Schematic
 - ABS684 DC Schematic
 - Breaker Failure
 - Bank 1 Fan Control
 - Communications panel wiring
 - SEL 2440

Pending Issues:

1. Perfecting drawings
2. Update design document
3. Create poster ideas

Plans for Next Week:

Tasks for each team member:

1. Matt: Work on primary
2. Bhargav and Faran: AC schematics 1 and 2, Bank Auxiliary, ABS DC Schematics
3. Ryan and Sohail: AC and DC Auxiliary revisions, weekly report/website update

Current Individual Contributions

- Matt Backes: Attended weekly meetings. Worked on second draft for Bank Annunciator, completed drawing list. (8 hours)
- Faran Malik: Attended weekly meetings. Worked on second draft for AC schematics 1 & 2 and bank auxiliary, first draft of ABS DC Schematics. (8 hours)
- Ryan Jerve: Attended weekly meetings. Worked on revisions of AC and DC auxiliary, completed weekly report. (7 hours)
- Sohail Suryavanshi: Attended weekly meetings. Worked on revisions of AC and DC auxiliary, updated website. (8 hours)

- Bhargav Gouni: Attended weekly meetings. Worked on second draft for AC schematics 1 & 2 and bank auxiliary, first draft of ABS DC Schematics. (9 hours)

Total contributions for the project:

- Matt Backes (95 hours)
- Ryan Jerve (88 hours)
- Faran Malik (89 hours)
- Sohail Suryavanshi (89 hours)
- Bhargav Gouni (93 hours)