

EE 491 Weekly Report | May15-01 | Week 15 (2/8/14 -2/22/14)

Advisors: Adam Literski, Dr. Ajarapu

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:

- Revision to drawings according to pdf sent by B&V
 - Lowside Relay
 - Backup Panel
 - Primary Relay
 - Key Protection
 - Communication panel
- Submitted first revision of
 - Communication Panel Wiring
 - Bus Panel Wiring
 - Bank Panel Wiring

Pending Issues:

1. Increasing pace of making drawings
2. Finish schematics based off of feedback:
 - 2.1. Communication Panel
 - 2.2. Key protection drawing
 - 2.3. Low side breaker
 - 2.4. Back up relay
 - 2.5. Primary relay
3. After schematics are finished, prepare to finish wiring diagrams

Plans for Next Week:

Tasks for each team member:

1. Matt: Communication panel wiring
2. Bhargav and Faran: Bank Panel Wiring
3. Ryan and Sohail: Bus Panel Wiring

Current Individual Contributions

- Matt Backes: Attended weekly meetings. Worked on revisions for primary relay, communications panel revision, and communications wiring revision. (10 hours)
- Faran Malik: Attended weekly meetings. Worked on revisions for lowside relay and bank panel wiring. (9 hours)
- Ryan Jerve: Attended weekly meetings. Worked on backup panel revisions and bus panel wiring.

Wrote bi-weekly report. (9 hours)

- Sohail Suryavanshi: Attended weekly meetings. Worked on backup panel revisions and bus panel wiring (8 hours)
- Bhargav Gouni: Attended weekly meetings. Worked on revisions for lowside relay and bank panel wiring. (10 hours)

Total contributions for the project:

- Matt Backes (76 hours)
- Ryan Jerve (68 hours)
- Faran Malik (69 hours)
- Sohail Suryavanshi (67.5 hours)
- Bhargav Gouni (68 hours)