

EE 491 Weekly Report 2

Date: (9/14 - 9/20)

sdmay18-06

138kV/13.8kV Substation Design Project

Client: Black & Veatch

Faculty Advisor: Dr. Ajjarapu

Team Members:

Andrew Brown	-Meeting, Communication, & AutoCAD Director
Eric C Fritz	-Test Engineer, Design Engineer
Brent Hines	-Materials, Executive Budget lead, Design Engineer
Gavin Christensen	-Chief Design Engineer
Weng Hoong Loo (Terry)	-Scheduling, Design Engineer

Summary of Progress this Report

- Meeting with B&V advisor
- Meeting with Faculty Advisor
 - Discussed deliverables to be finished this week.
- Gantt Chart
 - Includes all large, several week tasks in the project and graphs the projects against the number of days each project will take.
- Man hour budget
 - Lists the number of hours each project will take, and the total hours to complete the entire substation.
- Elevator speeches
 - Convey project overview in 30 seconds, 1 minute and 5 minutes.

Pending Issues

Draft the Gantt chart and man hour budget

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Andrew Brown	Weekly meetings. Drafted and finalized elevator speeches. Gantt Chart	6	9
Gavin Christenson	Weekly meetings. Drafted and finalized elevator speeches	4	6
Eric Fritz	Weekly meetings. Drafted and finalized elevator speeches. Man Hour budget	6	8
Brent Hines	Weekly meetings. Drafted and finalized elevator speeches	4	6
Weng Hoong Loo (Terry)	Weekly meetings. Drafted and finalized elevator speeches	4	7

Plans for Coming Week

Key protection diagram- All

Project plan- Andrew

Find differences between key protections and one line diagram- Brent, Gavin, Terry