

EE 491 Weekly Report 1

9/7/17-9/13/17

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 covered
 - Project Overview
 - Basics of devices to be used
 - Busses
 - Basics power distribution operations and stages
 - Its controlling entities
 - 3 phase power
 - Documentation required for project completion
 - Weekly reports to B&V
 - Design Documents, Project schedule, Project budget, Materials List

Pending Issues

None

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Andrew Brown	Met with our industry advisor, and questions for next meeting	3	3
Gavin Christenson	Met with our industry advisor, and questions for next meeting	2	2
Eric Fritz	Met with our industry advisor, and questions for next meeting	2	2
Brent Hines	Met with our industry advisor, and questions for next meeting	2	2
Weng Hoong Loo (Terry)	Met with our industry advisor, and questions for next meeting. Availability Schedule, "Volunteer for a Design Role" sheet	3	3

Plans for Coming Week

Questions about the one-line diagram and general questions on what is to be expected from us.
Draft the Gantt chart and man hour budget.