

PROJECT:	115 kV/34.5 kV Solar Power Plant/Substation Design Project
CLIENT:	Black and Veatch Corporation
CLIENT CONTACT:	Adam Literski
ADVISORS:	Venkataramana Ajjarapu
TEAM EMAIL:	may1602@iastate.edu

CHASE BENTON:	Team Leader
SENKO DIZDAREVIC:	Team Communication Leader
ARIF IBRAHIM:	Team Webmaster
MAKOKO MUKUMBILWA:	Key Concept Holder

ACOMPLISHMENTS

This was career fair week; our accomplishments are limited to a thorough meeting with Dr. Amariucaí. The objective of the meeting was to discuss our current semester presentation.

MEETING NOTES

Dr. Amariucaí Meeting 02/09/2016 3:00-4:00pm

Dr. Amariucaí stressed the importance of our presentation stressing engineering challenges beyond NEC code compliance and B&V acceptance. Thus we will focus on how issues were solved in the project such as the secondary correction factor and voltage specifications on the solar side. On the substation side we plan to focus on how we proposed protection circuits. We also have some issues with the design document that will be solved this week.

PENDING ISSUES

We still have yet to incorporate our drawings to the standard drawings provided by B&V, including communication, dc and ac auxiliary schematics.

WEEK SUMMARY

- Meeting preparation.
- Remove outside sourced documentation from design doc.

GOAL FOR NEXT WEEK

- Complete ac aux and dc aux drawings.
- Create a spreadsheet to organize all pin-outs on communication drawings.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Dr. Amariucaí meeting.

Senko Dizdarevic:

- Completed weekly reports.
- Dr. Amariucaí meeting.

Arif Ibrahim:

- Dr. Amariucaí meeting.

Makoko Mukumbilwa:

- Dr. Amariucaí meeting.

HOURLY CONTRIBUTIONS

Team Time Contribution Week5 (hours)		
Member	Week Contribution	Individual Cumulative
Chase Benton	1.0	107.0
Senko Dizdarevic	1.5	121.5
Arif Ibrahim	1.0	118.5
Makoko Mukumbilwa	1.0	60.0
Team Week Total	4.5	
Team Cumulative Total	407.0	
Average Team Week Hours	1.1	