

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

We have completed our drawings and simulated plant production with two different simulators. Additionally, we found system losses due to conductors and many other factors. Build cost and production per kWh was also determined.

MEETING NOTES

Client Meeting 2:10-2:30p 03/31/2016

In the meetings we discussed minor issues with finalization of our drawings, especially the primary which is complete for all practical purposes. The last discussion was about our presentation expectations to Black & Veatch.

PENDING ISSUES

None.

WEEK SUMMARY

- 30 drawings are complete with only minor industry standard notations needed to be completed.
- Simulations are complete.

GOAL FOR NEXT WEEK

- Revise & practice presentation.
- Present to Dr. Amariucaí.
- Prepare different presentation for Black & Veatch.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Client meeting.
- Primary relay drawing completed.
- Back-up relay completed.
- CB317 configuration.

Senko Dizdarevic:

- Completed weekly reports.
- Completed simulations for production, cost, & system losses.
- Completed reflection for future EE491 group as requested by D. Ajarapu.

Arif Ibrahim:

- Client meeting.
- Main connection drawing completed.

Makoko Mukumbilwa:

- Client meeting.
- Main connection drawing completed.

HOURLY CONTRIBUTIONS

Team Time Contribution	Week 12 (hours)	
Member	Week Contribution	Individual Cumulative
Chase Benton	11.0	155.5
Senko Dizdarevic	10.5	152.5
Arif Ibrahim	1.0	147.0
Makoko Mukumbilwa	1.5	74.5
Team Week Total	24.0	
Team Cumulative Total	529.5	
Average Team Week Hours	6.0	