

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

The ac drawings were completed with proper references and connections to the three feeder drawings. The ABS protection drawings, formerly called 89 drawings, are complete and pending approval.

MEETING NOTES

Client Meeting 01/28/2016 12:00-12:40pm

Adam took us through industry standards of properly referencing drawings and making connections across multiple AutoCAD three-line drawings. Because we have such a large number of drawings that are connected together and single sets of drawings representing duplicate systems, this process is of more importance now.

Dr. Ajjarapu Meeting 01/26/2016 3:00-3:30pm

Dr. Ajjarapu instructed us to swap the team leadership role this semester, in order to gain experience with industry communications with Adam Literski. This is his attempt to influence a more even workload among the team. We will also be verbally quizzed on team communication during our future meetings with him.

PENDING ISSUES

We still have yet to work out a file name scheme for the multitude of drawings we have to prepare. Producing design documents with ease of interpretation of our by other engineers is still a challenge for us.

WEEK SUMMARY

- AC drawings submitted for approval.
- Feeder drawings submitted for approval.
- ABS drawings completed and submitted for approval.
- BU Relay, Primary Relay, IT relay drawing references complete.

GOAL FOR NEXT WEEK

- Continue drawings recommended revisions.
- Restart AC aux and DC aux drawings.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- AC drawings.
- Client meeting.
- Reconfigure file references.

Senko Dizdarevic:

- Completed weekly reports.
- ABS drawings.
- Feeder Drawings.

Arif Ibrahim:

- AC drawings.
- Feeder Drawings.
- PRI, BU relay drawings.

Makoko Mukumbilwa:

- Ac drawings.
- Client meeting.

HOURLY CONTRIBUTIONS

Team Time Contribution Week 3 (hours)		
Member	Week Contribution	Individual Cumulative
Chase Benton	3.5	101.5
Senko Dizdarevic	5.0	116.0
Arif Ibrahim	6.5	112.5
Makoko Mukumbilwa	4.5	55.0
Team Week Total	19.5	
Team Cumulative Total	385.0	
Average Team Week Hours	4.9	