

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

Drawings list is properly formatted, new drawings were added, we have figured out how to connect Ethernet communication link and added a new drawing for the TLS controller.

MEETING NOTES

Client Meeting 2:10-3:00p 03/10/2016

In the meeting we discussed some minor labeling and connection errors regarding feeder and AC drawings. We also discussed the RTU, Ethernet, and Router setup, along with the Cisco router switches. Lastly we discussed future expectations. This weekend we will make more progress on all drawings and send them to Adam Literski this weekend.

Dr. Ajjarapu Meeting 3:10-4:00p 03/08/2016

Dr. Ajjarapu discussed with us a reflection of the project in terms of what we wish to have known before beginning the project. Such as knowing more about solar power generation. We have made a 12 slide set of notes discussing such points to be handed out to an EE491 group in the future.

PENDING ISSUES

We have no technical issues as of now, but we are running low on time and working extra hours to complete the project.

WEEK SUMMARY

- We made drastic progress this week on drawings and added one more drawing to the set.

GOAL FOR NEXT WEEK

- Next week is spring break but some of us will be working throughout break to catch up.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Client meeting.
- Dr. Ajjarapu meeting.
- Configurations for protection relays.
- Feeder drawings.
- DC aux drawing.
- Communication RTU drawing pin-outs

Senko Dizdarevic:

- Completed weekly reports.
- Dr. Ajjarapu meeting.
- Created 12 slide reflection for future EE491 group as requested by D. Ajjarapu.
- DC aux drawing reconfiguration.

Arif Ibrahim:

- Client meeting.
- Dr. Ajjarapu meeting.
- AC aux drawing.
- Main connection drawing.
- PRI Relay and SEL2440 Configuration.

Makoko Mukumbilwa:

- Client meeting.
- Dr. Ajjarapu meeting.
- Main connection drawing configuration.

HOURLY CONTRIBUTIONS

Team Time Contribution	Week 9 (hours)	
Member	Week Contribution	Individual Cumulative
Chase Benton	19.5	142.5
Senko Dizdarevic	7.0	139.0
Arif Ibrahim	13.0	144.5
Makoko Mukumbilwa	2.0	71.0
	0	
Team Week Total	41.5	
Team Cumulative Total	497.0	
Average Team Week Hours	10.4	