

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

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

ACOMPLISHMENTS

Key protection drawing, significant progress was made and awaiting approval. We are still waiting for revision approval for all other drawings.

MEETING NOTES

Client Meeting 11/04/2015 2:10-3:00pm

We did not have a chance to meet with Adam Literski due to his schedule. But we did meet with Rahul Ramanan and discussed the key protection drawing. There are numerous problems with the key protection portion of the substation, specifically with relay inputs and outputs. Those issues will be addressed next week.

PENDING ISSUES

- We still have yet to finalize conductor requirements due to lack of voltage drop parameters.
- Still waiting for revision approval from Adam Literski.
- Dr. Ajjarapu meeting was cancelled due to his absence on 11/04/2015 and we received no response to reschedule our meeting.

WEEK SUMMARY

This week was a rather slow week do to the delay in revision approval. Key protection relays and conductors for substation was begun.

GOAL FOR NEXT WEEK

- Continue substation drawings, focusing on key protection.
- Continue with conductors.
- Finalize array layout AutoCAD drawing.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Substation research.
- Configuring safety relays on substation key protection drawings.
- Substation drawing revisions as per client input.
- Attended meeting.

Senko Dizdarevic:

- Completed weekly reports.
- Inverter/transformer to collector conductors.
- Solar array grounding protection.
- Attended meeting.

Arif Ibrahim:

- Configuring safety relays on substation key protection drawings.
- Substation drawing revisions as per client input.
- Attended meeting.

Makoko Mukumbilwa:

- Substation drawing revisions.
- Attended meeting.

HOURLY CONTRIBUTIONS

Team Time Contribution Week 10 (hours)		
Member	Week Contribution	Individual Cumulative
Chase Benton	4.0	48.0
Senko Dizdarevic	4.0	66.5
Arif Ibrahim	5.0	61.5
Makoko Mukumbilwa	3.0	25.5
Team Week Total	16.0	
Team Cumulative Total	201.5	