

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:	<a href="mailto:may1602@iastate.edu">may1602@iastate.edu</a>

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

## ACOMPLISHMENTS

We have successfully completed most of the array parameter tool. The amount of PV modules needed is finalized. Also we now have a thorough understanding of the AutoCAD drawings, how components are interconnected and how the individual drawings are linked together. We successfully completed most of the project plan including a project schedule. We did not complete as much we could have this week due to the career fair and associated interviews.

## MEETING NOTES

**Client Meeting**                      09/30/2015    2:00-3:00pm

On the Wednesday after the career fair we finally got a face to face meeting with our client. Adam Literski led us through the AutoCAD drawings and clarified problems we had with the array parameter tool. He stressed the the importance of the NEC code book, highlighting important sections to review.

## PENDING ISSUES

There are still some unclear issues with the AutoCAD drawings. We still have yet to familiarize ourselves with the NEC code book.

## WEEK SUMMARY

We completed the project plan and schedule. With the face to face meeting with Adam Literski, we cleared up many confusions with the array parameter tool and overall design. Due the career fair and associated interviews, there was not much design and development.

## GOAL FOR NEXT WEEK

The goals for next week are to completely;

- Finish block design.
- PV to combiner conductors.
- Combiner to inverter conductors.
- Begin working on feeder drawings.
- Key protection.

## INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Completed project schedule for Spring 16.
- Assisted project plan completion.
- Client meeting.

Senko Dizdarevic:

- Weekly report completed.
- Completed array parameter tool.
- Completed project plan first draft.
- Client meeting.

Arif Ibrahim:

- Completed project schedule for Fall 15.
- Assisted project plan completion.
- Team website completed.
- Client meeting.

Makoko Mukumbilwa:

- Study drawings.
- Client meeting.

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## HOURLY CONTRIBUTIONS

Team Time Contribution Week 5 (hours)		
Member	Week Contribution	Individual Cumulative
Chase Benton	6.0	17.0
Senko Dizdarevic	9.0	22.5
Arif Ibrahim	6.0	13.5
Makoko Mukumbilwa	4.0	11.0
<b>Team Week Total</b>	25.0	
<b>Team Cumulative Total</b>	64.0	