

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 redone our array layout to facilitate less shading from each row onto another row by adding an extra two feet between them. We now have twelve feet between rows. This also changes the total size of the plant slightly.

MEETING NOTES

Client Meeting 2:00-2:30p 04/14/2016

We discussed the upcoming presentation and our content to present. Slight changes will be made to our slides to appropriate a different audience. We also discussed redoing the production simulations to reduce shading losses.

Dr. Ajjarapu Meeting 3:00-4:00p 04/14/2016

Dr. Ajjarapu had us reorganize our presentation slides to better facilitate flow of explanations and reduce potential confusion while presenting.

PENDING ISSUES

None.

WEEK SUMMARY

- Simulations redone for kWh production.
- Revised array layout.
- Completed poster.
- Revised array drawing.
- Practice presentation complete and well done.

GOAL FOR NEXT WEEK

- Practice presentation for industry review panel.
- Prepare presentation for Black & Veatch.
- Present to Black & Veatch in Kansas City.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Dr. Ajjarapu meeting.
- Client meeting.
- Poster completed.
- Presentation prep.

Senko Dizdarevic:

- Dr. Ajjarapu meeting.
- Completed weekly reports.
- Client meeting.
- Reworked production simulations and array parameters.
- Presentation prep.

Arif Ibrahim:

- Dr. Ajjarapu meeting.
- Client meeting.
- Revised array AutoCAD drawing for new specifications.

Makoko Mukumbilwa:

- Dr. Ajjarapu meeting.

- Client meeting.
- Presentation slides
- Presentation prep.

HOURLY CONTRIBUTIONS

Team Time Contribution	Week 14 (hours)	
Member	Week Contribution	Individual Cumulative
Chase Benton	7.0	172.5
Senko Dizdarevic	6.0	168.5
Arif Ibrahim	3.0	158.0
Makoko Mukumbilwa	3.0	83.5
Team Week Total	19.0	
Team Cumulative Total	582.5	
Average Team Week Hours	4.8	