

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

**NOTE: Week 13 was Thanksgiving break (college closed), the minor accomplishments from week 13 will be incorporated into week 14.**

## ACOMPLISHMENTS

We made minor progress on the three-line drawings for the substation yard layout. The yard layout is a drawing of the associated three phase circuitry of the substation exterior. Please note, the layout is an electrical circuit layout and not physical. One-line substation drawings are complete and well versed for function.

The design document V2 and presentation power point are complete.

## MEETING NOTES

**Client Meeting**                      11/19/2015    3:00-4:00pm

This meeting consisted of a minor discussion of the three-line substation drawings in the context of future plans. The major topic was the design document and presentation. We took Adam Literski's input for the design document and adjusted accordingly. The presentation discussion was most helpful; we were at a sort of loss when it came to explaining a project of this scale in a 20 min /30 slide presentation. Especially the problem of presenting large AutoCAD drawings on power point. We were instructed to make liberal use block diagrams to give a large overview of each system broken down

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## PENDING ISSUES

- The whole team is running low on time to properly prepare for the presentation.
- Presentation practice.
- Complete a man-hour budget for B&V.

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## WEEK SUMMARY

This week was a documentation and presentation preparation week. Besides some minor three-line work, the main agenda was to complete a design document and presentation. The design document and power point are complete.

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## GOAL FOR NEXT WEEK

- Practice presentation.
- Present.
- Complete B&V man-hour budget.

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## INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Presentation power point.
- Design document V2 contribution.
- Presentation preparation.
- Attended meetings.

Senko Dizdarevic:

- Completed weekly reports.
- Design document V2 completion.
- Presentation preparation.
- Attended client meeting.

Arif Ibrahim:

- Website design.
- Power point presentation.
- Design document V2 contribution.
- Three-line drawings.
- Attended meetings.

Makoko Mukumbilwa:

- Presentation preparation.
- Attended client meeting.

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## HOURLY CONTRIBUTIONS

Team Time Contribution Week 14 (hours)		
Member	Week Contribution	Individual Cumulative
Chase Benton	18.0	82.0
Senko Dizdarevic	17.0	95.0
Arif Ibrahim	17.0	93.5
Makoko Mukumbilwa	7.0	39.5
<b>Team Week Total</b>	59.0	
<b>Team Cumulative Total</b>	310.0	
<b>Average Team Weekly Hours</b>	21.7	