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

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

ACOMPLISHMENTS

We spend a considerable amount of time fixing errors on substation drawings. Calculated various currents in conductors and fuses for feeder and collector drawings. Also, we selected conductors for feeder and collector.

MEETING NOTES

Client Meeting 11/11/2015 2:15-3:00pm

We cleared up many issues in the drawings, such as voltages at step-up transformer, currents and conductor selection.

PENDING ISSUES

- Our advisor Dr. Ajjrapu is still out of town, thus our meeting was cancelled.
- Short meeting times due to recent conflicting schedules.
- Key protection drawings still requires work.

WEEK SUMMARY

Substation collector, feeder is effectively finalized. Array layout and array conductors are finalized.

GOAL FOR NEXT WEEK

- Finish key protection.
- Begin small scale 3 phase drawings.
- Continue working on budget.

INDIVIDUAL CONTRIBUTIONS

Chase Benton:

- Key protection, feeder and collector revisions.
- Substation fuse and conductor selection.
- Attended meeting.

Senko Dizdarevic:

- Completed weekly reports.
- Substation fuse and conductor selection.
- Attended meeting.

Arif Ibrahim:

- Key protection, feeder and collector revisions.
- Attended meeting.

Makoko Mukumbilwa:

- Attended meeting.

HOURLY CONTRIBUTIONS

| Team Time Contribution Week 11 (hours) | | |
|--|-------------------|-----------------------|
| Member | Week Contribution | Individual Cumulative |
| Chase Benton | 6.0 | 54.0 |
| Senko Dizdarevic | 6.0 | 72.5 |
| Arif Ibrahim | 5.0 | 66.5 |
| Makoko Mukumbilwa | 1.0 | 26.5 |
| Team Week Total | 18.0 | |
| Team Cumulative Total | 219.5 | |