

EE 492 – sdmay19-26

115kV / 34.5kV SOLAR POWER PLANT/SUBSTATION DESIGN PROJECT

Week 7 Report

Monday (2//2519) – Sunday (3/03/2019)

Client: Black & Veatch

Advisor: Venkataramana Ajjarapu

Team Email: sdmay19-26@iastate.edu

Team Members:

Katayi Katanga

Nur Shuazlan

Yao Cheah

Chufu Zhou

Tam Nguyen

Weekly Summary:

This week, we had one meeting with our client, Black and Veatch. In our meeting with the client, we discussed about the drawing we did, mainly about the Layout drawings and RTU. We shared the theory we created about the drawing in the way that we understood. Then, we tried to complete layout drawings.

Summary of Client meeting:

- Kat did safety moment about Hand washing in the workplace.
- Then, we discussed the updates on the drawings:
 - CB 311 and CB 312 are CB1 and CB2.
 - Doesn't need revision cloud on moved things (but unchanged connections).
 - In the next meeting, we will have the rest of the layout drawings finished and start wrapping them up.
 - Patrick will discuss with Cole to give the team more works.

Past Week Accomplishments:

Katayi Katanga

- Check Layout Drawing 2, Layout Drawing 3, Layout Drawing 4, Layout Drawing 5, Layout Drawing 6, and comm rtu diagram.

Nur Shuazlan

- Worked on Layout Drawing 4.
- Checked Layout Drawing 2, Layout Drawing 3, Layout Drawing 5, and comm rtu diagram.

Yao Cheah

- Completed Layout Drawing 3.
- Worked on the comm rtu diagram.

- Checked Layout Drawing 6.

Chufu Zhou

- Worked on Layout Drawing 5.

Tam Nguyen

- Completed Layout Drawing 6.
- Checked Layout Drawing 4.

Pending Issues:

- Waiting for feedback from the client regarding the drawings.

Plans For Next Week:

Katayi Katanga

- Check Layout Drawing 4, Layout Drawing 5, and the comm rtu diagram.

Nur Shuazlan

- Complete Layout Drawing 4.
- Check Layout Drawing 5 and the comm rtu diagram.

Yao Cheah

- Complete the comm rtu diagram.
- Check Layout Drawing 6.

Chufu Zhou

- Completed Layout Drawing 5.

Tam Nguyen

- Check Layout Drawing 4.

Individual Contributions

Team Member	Individual Contributions	Hours	Cumulative Hours
Katayi Katanga	Did research on: <ul style="list-style-type: none"> - Project scope Created/Performed: <ul style="list-style-type: none"> - AutoCAD modification to the diagram - attended all meetings 	6	41
Nur Shuazlan	Did research on: <ul style="list-style-type: none"> - Project scope Created/Performed: <ul style="list-style-type: none"> - AutoCAD modification to the diagram 	6	41

	- attended all meetings		
Yao Cheah (YJ)	<p>Did research on:</p> <ul style="list-style-type: none"> - Project scope <p>Created/Performed:</p> <ul style="list-style-type: none"> - AutoCAD modification to the diagram - attended all meetings 	6	40
Tam Nguyen	<p>Did research on:</p> <ul style="list-style-type: none"> - Project scope <p>Created/Performed:</p> <ul style="list-style-type: none"> - AutoCAD modification to the diagram - attended all meetings - Weekly reports. 	6	40
Chufu Zhou	<p>Did research on:</p> <ul style="list-style-type: none"> - Project scope <p>Created/Performed:</p> <ul style="list-style-type: none"> - AutoCAD modification to the diagram - attended all meetings 	6	39

Team Hours: 30

Cumulative Team Hours: 201