

EE 491 WEEKLY REPORT 4

Date:02/19/2017

Group number: Dec1702A

Project title: Algona Municipal Utilities Power System Designs

Client &/Advisor: Algona Municipal Utilities / Anne Kimber

Team Members/Role: Yuxuan Yuan: Leader; Shengxin Mao: Communication director; Changlin Li: Software master;

o **Weekly Summary**

In this week, we finished our final version of problem lists and keep to read relative books about distribution system. Because the weather of February 24th is not great, so Professor Kimber suggested we organize a Skype event, or a Zoom webinar with company. And we decide the trip of Algona rescheduled for later in this semester. Then we work for our first version of power plan together.

o **Past week accomplishments**

- Team Member Yuxuan Yuan: Work on the prepare of online meeting and project plan. Actually this is the first time online meeting for me. That is why i think i need spend some time to prepare that. And I work with my group about the project plan.
- Team Member Shengxin Mao: In last week, I finished some information searching about the company and watching some video about using OpenDSS. And I worked with my team about the project plan.
- Team Member Changlin Li: I searched some videos about OpenDSS on YouTube to watch and tried to write some codes. And we worked with project plan as a group.

o **Pending issues**

- Team Member Yuxuan Yuan: In this week, we finish our problem list and prepare our online meeting. We still have issues about OpenDSS because of a few instruction video. But we will ask company about the required software in the online meeting.
- Team Member Shengxin Mao: Except the OpenDss, I have no pending issue now about project because we don't have data and detail now. I trust we will have a busy week after the Friday online meeting.
- Team Member Changlin Li: I still can not final some clearly teaching materials for

OpenDSS online so that I can not understand some code examples from videos.

- **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Member Yuxuan Yuan	Prepare with online meeting and work on project plan	5	18
Member Shengxin Mao	Ask some question in meeting	3	13
Member Changlin Li	Watch videos and try some codes	3	10

- **Comments and extended discussion**

For this week, we didn't have weekly advisor meeting because Professor Kimber need to leave on Thursday. So we just meeting as group and discuss about the online meeting. We will separate problem list to three parts and every member will ask one part problem and write the note in the online meeting.

- **Plan for coming week**

- Team Member Yuxuan Yuan: We will have the data in the next week. So we will start to design our distribution system. I will allot everyone to analyze a part data and we will meeting with Professor Kimber and discuss about our first version design.
- Team Member Shengxin Mao: We have online meeting with our sponsors and I will try to do a small example in OpenDSS.
- Team Member Changlin Li: I will try to find some Chinese version books about OpenDSS from online by Baidu.com.(Baidu.com is a chinese version Google and it is easier to find some materials in China.)

- **Summary of weekly advisor meeting**

For this week, we didn't have weekly advisor meeting.