

## EE 491 WEEKLY REPORT 5

Date: 22 FEB 2016

Group number:DEC1613

Project title: Investigating voltage increases in distributed generation power systems

Client &/Advisor: Mark Scheibe, Anne Kimber, Zhaoyu Wang

Team Members/Role: Adam Beck: Team Leader

Trevor Andersen: Communications Leader

Matthew Ladd: Webmaster

(All the above information should be there in each weekly report)

### ✓ Weekly Summary (Short summary about what you did this week)

This week, we continued to get familiar with openDSS, pending receiving data from our client, and also went on a field trip to the MVEC offices in Maquokota

### ✓ Past week accomplishments (please describe as what was done, by whom, when)

- ❖ Previous week was meeting with another group and getting information about Opendss, as well as finding research papers about PV systems relating to our project

### ✓ Pending issues (if applicable)

- ❖ Getting data from the client so we can begin the practical part of our project, waiting on the NDA form being completed and passed through

### ✓ Individual contributions

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Andersen	Client meeting, learning openDSS	9	15
Beck	Client meeting, acquired research, communicating with client	11	17.5
Ladd	Client meeting, learning openDSS	10	17.5

✓ **Plan for coming week (please describe as what, who, when)**

- ❖ The client has assured us that we should get the NDA form through, and the data sent to us in the next week. At that point, we will be able to create a concrete plan going forward, and what we can accomplish.

✓ **Summary of weekly advisor meeting (if applicable/optional)**

Weekly meeting was with client and advisor. Client brought us up to speed on what type of data we would be receiving, the form it would be in, and the applicable parts of it. Also made a firm plan as to deliverables for this and next semester. Also received a demo of Windmill software, which will be integral to the project.