

# EE 491 Weekly Report    MAY1603    9/28/2015-10/5/2015

Project title: Evaluation of distributed generation potential within an existing municipal electric infrastructure

Advisors: Anne Kimber & Zhaoyu Wang

Client: City of Bloomfield

Members: Joey Dugan - Team Leader

Adam Gigstad - Team Co-Communication Leader

Marissa Koehn - Team Co-Communication Leader

Connie Maluwelmeng - Team Webmaster

Denis Kinganga - Key Concept Holder

Sid Taha - Key Concept Holder

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## Weekly Summary

This week everyone attended the meeting and our main focus was the project plan. We needed to divide up who was going to do which part of the project plan as well as general ideas for each part. This was a very effective way to break up to project plan as everyone was responsible for their section and completed a well written section in a timely manner. Also we focused on who we should contact next to gain the load information we are looking for. We got the contact information for the Bloomfield's consulting engineer so we believe that he will have the information that we are looking for. Also, we discussed who and when should go to Bloomfield because they do not have any digital maps so we need to go to obtain copies or take pictures of their maps. Because they do not have digital maps we may need to make more assumptions than we would like to to model their system.

## Goals For Upcoming Week

- Visit Bloomfield or solidify a date that some or all of our group can go
- Continue learning OpenDSS
- Begin to look at criteria to evaluate system on

## Pending Issues

- We still do not have load data for the City of Bloomfield's distribution system and we are hoping we will be able to get the data very soon from the consulting engineer
- To get the maps of the system we will need to travel to Bloomfield

## Contributions

Team Member	This week's contributions	This week's hours (total hours)
Joey Dugan	<ul style="list-style-type: none"> <li>Created draft of Gantt chart for project plan</li> <li>Organized a meeting in Bloomfield with head linesman, project advisor, and consulting engineer</li> </ul>	2 hours (8)
Adam Gigstad	<ul style="list-style-type: none"> <li>Wrote solution section of the project plan</li> <li>Came up with sections that should be included in project plan</li> <li>Wrote weekly report</li> </ul>	3 hours (11)
Marissa Koehn	<ul style="list-style-type: none"> <li>Team Meeting</li> <li>Wrote Risk and Cost sections for project plan</li> </ul>	2 hours (9.75)
Connie Maluwelmeng	<ul style="list-style-type: none"> <li>Team meeting</li> <li>Wrote/edited part of project plan</li> <li>Uploaded previous week's report and project plan to website</li> </ul>	2.5 hours (11.5)
Denis Kinganga	<ul style="list-style-type: none"> <li>Attended our weekly team meeting</li> <li>Continued to explore OpenDSS and helped write the project design</li> </ul>	2 hours (2)
Sid Taha	<ul style="list-style-type: none"> <li>Team meeting</li> <li>Wrote deliverables section of project plan.</li> </ul>	2.5 hours (8)