Week: October 16 - 22

Adviser: Manimaran Govindarasu

• Accomplishments of past week

- Started to talk about our Design document and what we would like to put in it
- Started to put together the different values needed to add another bus to the system
- Got a lot deeper look into the software and things that we can change to get a different outcome, additionally true due to the information needed to add our additional BUS
- Looked deeper into the communications that go on between the different units and how we can use that to exploit the system
- Added a new BUS!!!

• Plan for coming week

- Attend
- Get VM ready for simple on click BUS addition
- Find and fix "addition" problems to each piece of software
- Work on the design document
- verify communications between newly added bus

• Pending issues

- Siemens software on VM (but "probably" fixed just needs to be verified)
- Design Document
• Individual contributions – identify specific tasks accomplished

Jeremy DeBerg:
- Researched testbed information pertaining to our project
- Started to setup VM for additional buses (about one step away from being done)
- Started to get VM's ready for additional bus addition through simple click means

Kyle Singler:
I helped create a 2 bus system using the software Digsilent. I also worked on troubleshooting the 10 bus system. I figured out that the transformer on the 10th bus was not working correctly and was missing some information. I also helped work on getting the 2 bus system connected to new virtual machines and the control center.

Daniel Kosac:
This week, I worked mostly on the Control Center console. In the database, I created the 10th bus which includes 2 breakers. Also for that bus, I created a separate Com Line and RTU. I assigned an address to the RTU which corresponds to the new virtual machine.
Lastly, I updated the database onto the actual workstation program.

John Majzner
This week I build a successfull stand alone 2 bus system that has 1 generator and 2 loads. From this 2 bus system I hoped to learn how to get the tenth bus working. With the tenth bus still now working properly i rebuilt the entire thing. I believe I am close to getting it to work but I am also looking at the possibility of just rebuilding the network so we can then control every element.