Weekly Report   EE491
Date: 2/3/2014

Group Number and Name	Dec14-07 Smartgrid security
Client/Advisor	**Manimaran Govindarasu**
Attendees/Role	**Derek Augustyn-Communication**
	Ian Pierce-Leader
	Adam Daniel-Webmaster
	Yehoshua Meyer-Key idea holder & CprE Team Lead
	Justin Noronha-EE Team Lead
	Kanghee Lee-idea holder
	Brian Forsberg-idea holder

Past week accomplishments
What was done, who did it, and when it was done

- ❖ During our weekly Monday meeting we talked more about the testbed environment specifics and the scope of our project - all
- ❖ Researched past Power Cyber projects, and started looking into testbed specifics – all
- ❖ Looked into cyber attack programs etc. – Shuky, Adam, Brian, Ian
- ❖ EE team met with Bruce on 2/6 to go through RT-Lab program and to familiarize ourselves with the physical models and software to design the models – Justin, Kanghee, Derek

Plan for coming week
What to do, who, and when should it be done

- ❖ Design a tentative project plan for our two semesters of senior design - all
- ❖ Set up a time to meet with any available graduate students to assist in our learning about the testbed operation and use - all
- ❖ Continue reading and learning about testbed and come up with plans to improve the testbed - all
- ❖ Familiarize ourselves with the current testbed environment and develop a working experience using it and look into Implement some of the missing interfaces in the tested (interconnection Relays, PMUs with Opal-RT and RTDS simulators) – all

❖ Work through given labs as soon as lab access is granted - Shuky, Adam, Brian, Ian

Pending Issues

❖ Still waiting on key access activation
❖ What can we do to make the testbed better?
❖ Throwing around ideas for Cyber Physical CDC and integration of testbed with National SCADA testbed at USC.
❖ Will need to learn all the communication protocols for the existing devices.
❖ Must become familiar with Wide Area Control to be used as physical system protection.

Individual Contributions

❖ Weekly report filled out and submitted by the team
❖ Research and learning about previous groups accomplishments - all

Individual hourly Contributions

NAME	Hours this week	HOURS Cumulative
Derek	5	13
Ian	2	7
Adam	2	7
Yehoshua	3	7
Kanghee	3	8
Justin	3	9
Brian	2	6

Comments and extended discussions: