**Meeting Minutes 9/9/2014**

* Met with Jim Stephens our sponsor and Dr. Faruq our faculty advisor
* Talked about initial formation of the project
  + Energy Manager Project side-lined due to lack of funding
  + FSU had more of an interest of funding demand-side management – FSU spends ~$30 million/year on utilities
* Electricity usage for FSU billed differently than for commercial use
  + Made up of three components
    - Overhead for lines
    - Rate depends on demand – higher cost for higher peak load
    - Rate also charged by average load
    - At end of month if lower average use, fees are much lower.
  + At FSU peak is 26 MW
  + Average cost is $11/KW
  + Goal is to minimize peak/average demand to better calculate rate.
  + Rate Tariff controls electricity strategy
* Talked to Head of Controls at FSU utility department
* Observed some controls tools used to monitor power output and temperature for various buildings around campus and in Innovation Park
* Discussed goals of project
  + Project will deal with developing better management strategies for power – basic systems to manage power already in place in buildings
  + Any integration will focus on one building primarily – while some techniques can be implemented across the board, best practices will address the load needs of a specific building.
  + Because of higher energy costs associated with industry and large-scale buildings, demand side management will be primarily implemented by those rather than houses
  + There is potentially a competition we can enter upon project completion being organized by the DOE for students
* Visited controls room and observed the chillers at the FSU utilities building