Attendees…

**Mike Larson**, Director of Utility Production, Facilities & Services

**~~Tim Mies~~**~~, Deputy Director of Operations, Energy Farm, Energy Biosciences Institute~~

**Xinlei Wang**, Professor of Agricultural and Biological Engineering

**Catherine Yee**, Student Member

**~~Jack Morrissey~~**~~, Student Member~~

**John Flanagan**, iSEE Campus Sustainability Intern

**Yu-Feng Forrest Lin**, Research Professor NRES

*\*2nd faculty member [remains TBD]*

On the Agenda…

1. ***Call to Order***
2. ***Approval of minutes from last meeting***Approved
3. ***Open issues***
   1. ***Review of draft recommendation for Petascale offsets***

**Mike** is going to get information from Ben about offsets… Ben mentioned to Mike that RECs might not fulfill offsets.

* 1. ***Review draft recommendations for on-campus solar***

**John** and **Jack** will work together to combine two recommendations into one and share this with the EGEN group – using comments to add revisions to the recommendation.

* 1. **Focus topics EGEN SWATeam (see attached document)**

-Nothing new-

1. ***New business***
   1. ***Schedule meeting with Niharika Kishore (Campus rooftop solar)***

***Friday 11/11, after 12 pm***

***Monday 11/14 and 11/28, 12:30-2:30 pm***

***Wednesday 11/16 and 11/30, 12:30-2:30 pm***

***Friday 12/2, 9-11 am***

**Mike** will try to schedule meeting with Niharika for Friday 12/2 at 9:30 am

**John** will reserve a room once the meeting is in place.

* 1. ***Professor Forrest Lin, overview of campus geothermal properties research project.***

**Forrest** provided extensive overview of efforts to render a high-resolution temperature profiling and thermal analysis for geothermal energy on campus. Current practices for drilling boreholes for ground source heat exchange are based on rule of thumb. Professor Lin’s research can inform borehole drilling by identifying the temperature profile of the geology in the campus area, thus improving implementation and performance of geothermal heat exchange systems.

1. ***Adjournment***

Next Meeting will likely be Friday 12/2 at 9:30 am with Niharika. Stay tuned!

Focus topics for this years SWATeam - Clean Energy Ideas

* Expansion of on campus solar.  
  Setup meeting with Niharika Kishore to discuss her.  
  Development of building standards that require roof designs that can accommodate solar panels for all new construction.
* Clean energy PPA.   
  Develop a recommendation to explore pricing for another clean energy PPA.
* Carbon capture  
  Setup meeting with Kevin O’Brien to hear about the ISTC projects.  
  Setup meeting with Sally Greenburg to hear about sequestration at ADM.
* PetaScale  
  Repurpose waste heat instead of venting. Can this be sent cost effectively to the State Farm Center.  
  Provide a recommendation that offsets be pursued for Petascale emission in order to meet the FY18 goals established in the iCAP.
* Air Permit - Could we pursue a more flexible air permit that would allow the campus to test burn various biomass options at Abbott.  
  Setup meeting with F&S Environmental compliance to provide an overview of the campus Title V air permit, and review the options for burning biomass on campus.