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

**Yu-Feng Forrest Lin**,Hydrogeologist, Illinois State Geological Survey - Prairie Research Institute; Clinical Professor, Department of Civil and Environmental Engineering; Research Professor, Department of Natural Resources and Environmental Sciences

**Catherine Yee**, Student Member

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

**John Flanagan**, iSEE Campus Sustainability Intern

**Morgan Johnston**, Associate Director of Facilities & Services

1. **Call to order**

Does faculty member want to be eGen team chair?

**Morgan**: Faculty are typically trained and proficient at soliciting student input which supports the idea of shared governance.

**Xinlei** has offered to act as team chair moving forward.

1. **Approval of minutes from last meeting**
2. **Open issues**
3. **Review draft recommendations for on campus solar**

Solar required vs Solar ready?: Solar ready would potentially create double engineering cost, for instance ECE was built to be solar ready, but funding fell through due to structural analysis needing to be completed. This could have been done at design phase.

**John** will send updated recommendation to sustainability committee by Friday, Feb 10th.

1. **Review focus topics EnGen SWATeam (see attached document)**

Question for our campus: what constitutes clean energy usage?

Current thoughts from F&S (RECS count) and iSEE (RECs don’t count)

An REC conversation was proposed in Chicago with people from EPA and others to try and bring clarity to this question for universities in general. That fell through, and Morgan in January has proposed having a conversation to clarify this at least for our campus and bring in professionals to speak to this issue.

For instance, install solar on small business or homes… if you sell your RECs then you’re not using clean energy, but this cuts the cost of installation.

[M-RETS](http://www.mrets.org/) is the REC tracking system.

1. **Review of draft recommendation for Petascale offsets**

**Mike** sent an e-mail to accountant to determine what we paid for wind RECs

$0.35/MWh is current lowest cost for RECs

Change $300,000 to $240,000

**John** will send updated recommendation to sustainability committee by Friday, Feb 10th.

1. **New business**
2. **Other**

There was excitement at the last working group meeting at the idea of expanding working group responsibilities and encouraging advocacy.

1. **Adjournment**

Next meeting will be Feb 17rd 10:45-11:45am @ NSRL 240

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.