

iCAP Working Group
March 30, 2016
1:00 pm, 240 NSRC
Minutes

Attendees: Rob Fritz, Morgan Johnston, Ben McCall, Lowa Mwilambwe, Nancy O'Brien (phone), Jess Tang, Matthew Tomaszewski

1. Minutes of February 16 meeting approved.
2. Announcements
 - a. Keeling Lecture – Chris Field, April 14, 7:00 pm, Noyes Lab, Room 100
 - b. iCAP Forum – April 18, 11:30-1:30, Illini Union, Room 104
 - c. Ogura Lecture – Ken Caldiera, April 20, 3:30 pm, NSCA Auditorium
 - d. Other Earth Week events – Full schedule attached
3. Illini Lights-Out recommendation- The Energy Conservation and Building Standards SWATeam submitted a recommendation for an Illini Lights Out campaign. A group of student volunteers will visit 8 buildings that surround the quad, turn off lights and record data. As the only resources needed was the price of pizza for the volunteers, Ben approved the recommendation on behalf of the iCAP Working Group.
4. PPA term recommendation – The Energy Generation, Purchasing, and Distribution SWATeam submitted a recommendation to remove the time limit restrictions on Power Purchase Agreements for purchasing electricity. Longer terms could lead to lower prices. The recommendation was for electricity, but the group revised it to add renewables. There was much discussion about the routing of the recommendation, and decided it should go to the Chancellor as the Chair of the Sustainability Council.
5. Updates on SWATeam Feasibility Study Requests
 - a. Energy Generation, Purchasing, and Distribution
 - i. Study for electrifying most space and water heating on campus – Ben and others had an enlightening discussion with folks from F&S. This type of feasibility study would be best handled through the Qualification Based Selection process. Included in the scope would be 'demonstrated past experience' and other necessary qualifications expected of the vendor. Next steps are to form a group to develop the scope and serve on the committee that evaluates proposals. What are possible funding sources? An early pre-guesstimate on the cost is between 100 and 200K. Could we use the Chevy money or maybe the money from BPTN? Evan and Al would need to agree on the use of these funds. Since many question the Utilities Master Plan this is an appropriate next step.
 - b. Agriculture, Land Use, Food, and Sequestration
 - i. Collect, analyze and compile data to estimate agricultural emissions - the ALUFS SWATeam did not formally respond, but their minutes indicate that Illinois Business Consulting group is working on this issue for the semester.
 - c. Transportation
 - i. Travel demand study for air travel – What data do we have now? Need to reach out [to TEM?]
 - ii. Study to determine if differential pricing for campus parking will encourage car sharing – Campus Parking is doing a new survey that will include this as well as information to compute updated mode split information.

- iii. Campus fleet analysis – F&S does have a Green Fleet Plan that could be expanded across campus to include other vehicles.
- d. Water & Stormwater – In reading through the comments on the recommendations from this SWATeam, it's not obvious that the members have reached full convergence on them. Give them another nudge back? Ben to engage with this SWATeam.
 - i. Evaluation of the performance of the campus landscape
 - ii. Pilot project to use groundwater as cooling tower make-up (Withdrawn?)
 - iii. Evaluate the effectiveness of pervious pavement in parking lot C9
 - iv. Perform a water audit, inventory of water usage
 - v. Study the feasibility of using gray water at the Business Instructional Facility

Adjournment: 1:54