**Energy Conversation & Building Standards**

*In attendance: Claudia Szczepaniak, Dhara Patel, Karl Helmink, Marian Huhman, Monica Chhatwani, Nishant Makhijani, Jessica Tran*

* Introductions of community consultant: Jessica Tran
* Ben McCall has asked SWATeams to consider need for feasibility studies. Would need to be submitted by about February
  + New budget isn’t out so just brainstorming for now
  + Karl showed ESCO plans that are coming up and all include an audit, which means these projects don’t need a separate feasibility study.
  + However, determining the process for implementing the ASHRE standards that will be put adopted November 30, 2015 could be a candidate for a feasibility study by a grad student.
* *Karl*: Decided that NSRC will be a part of EPC funding request. (Showed list on white board in our meeting room.)
  + Turner Hall is also
  + ESCO/EPC projects are guaranteed savings
    - List of ~$80M worth of projects
  + Will take about a year to plan what to do with NSRC (space changes and fume hood upgrades). Taking baby steps now.
    - Meeting with Doug Walters and Neil Marchant Wednesday, 11/18. Karl will report back to SWATeam at our Wednesday meeting.
  + Links to ESCO info:
    - [http://icap.sustainability.illinois.edu/project/energy-performance-contracting-esco](https://urldefense.proofpoint.com/v2/url?u=http-3A__icap.sustainability.illinois.edu_project_energy-2Dperformance-2Dcontracting-2Desco&d=BQMGaQ&c=8hUWFZcy2Z-Za5rBPlktOQ&r=79arPOJPCGeKJXIw8WuoGdOg8ATEnAaqcrqsZBJbfE4&m=Q1ZlnrOVOQvVwjfym1bGaAf0QWB1j6WwMP08zIknSA0&s=v_V166ZQCoBtMH4G7W8x10g5M2aMol3uKE4t9f1KPvw&e=" \t "_blank)
    - [http://www.fs.illinois.edu/services/utilities-energy/energy-conservation/energy-performance-contracting](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.fs.illinois.edu_services_utilities-2Denergy_energy-2Dconservation_energy-2Dperformance-2Dcontracting&d=BQMGaQ&c=8hUWFZcy2Z-Za5rBPlktOQ&r=79arPOJPCGeKJXIw8WuoGdOg8ATEnAaqcrqsZBJbfE4&m=Q1ZlnrOVOQvVwjfym1bGaAf0QWB1j6WwMP08zIknSA0&s=JmalCb1Kvyf3fMjgRSdWQKXfHAUe42EbuhBDpXJJSn4&e=" \t "_blank)
* *Nishant*: Should LEED be something we look into for every campus operation?
  + Next year will be the last year we can use LEED version 2009
  + Living Building Challenge. Oberlin College is an example.
* Issue of public engagement
  + Priority can be to start by displaying building data to educate people (e.g., online dashboards)
  + EBS (discussion postponed until next meeting)
* General discussion of ECBS engagement programs at other universities
  + Better to focus on larger efforts to get widespread notice, rather than smaller efforts
  + Big Ten competition was one idea
  + *Marian*: How much do you borrow from others and how much do you build on? Would other universities let us use their ideas?
  + *Nishant*: Could we link an engagement effort with a “celebrity” from U of I such as Nick Offerman, or an invention UI is known for, such as LEDs, etc.
    - Eco-Olympics competition missing support of campus
    - Can we get students to help—give class credit?

Examples of Other Universities and Discussion

* Longhorn Lights Out from UT Austin:
  + Group liked this idea. Monthly scan of buildings and turned off lights.
  + Limitations:
    - Students getting into buildings?
* Friday Night Lights at Purdue:
  + Group liked this: One hour sweep weekly to turn off lights
  + *Nishant*: Purdue would be willing to help
  + Could be led by Student Sustainability Council
  + Limitations:
    - Funding for incentives? Purdue uses Chipotle burritos
* $CORE: Group decided against this one
  + *Nishant*: Tenant Union could be a good partner for a program like this
  + *Dhara*: Could make a good civic project- public engagement
  + Limitations:
    - *Dhara*: Not sure if tenants here will subscribe to it
    - What happens when realtors are opposed?
    - *Karl*: Would prefer to go after University energy bill at this point
* Green Room Certifications:
  + Limitations:
    - Green Your Dorm unsuccessful in the past
    - Students don’t have much control over their lighting; could use power strips, though
    - Doesn’t seem to be much interest in this kind of program
* Earth Hour:
  + *Nishant*: Could launch a program like FNL along with Illinois Hour during Earth Week
  + Limitations:
    - Since falls on Spring Break in 2016, could do during Earth Week
    - *Dhara*: Is turning off all lights safe on our campus?
      * Do it earlier in the day—before dark
      * *Jessica*: Only turn off non-essential lights
* UTex Green Labs Initiative video:
  + https://www.youtube.com/watch?v=OIUt91oi-uE
* *Marian*: Dept of Communication will designate 4 sections of public speaking classes in spring semester to a green theme—may be able to present in teams for an assignment
* Green Office Program
  + Offices review themselves instead of Green Police reviewing offices
  + How to engage student volunteers/interns without monetary incentive
* *Claudia*: Research building level competitions at other Big Ten schools
* *Jessica*: Send table of energy bills to buildings every month along with tips
  + Color coding
  + Comparative information
  + Competition development
  + Tie into ECIP (meet with Morgan Johnston)
* *Marian*: Send out list of companies that use positive and negative faces