iCAP Energy Team

March Meeting Agenda

Wednesday, March 30th ; 9:00 A.M. – 10:00 A.M.

*Zoom*

* Introduction
  + Tyler Swanson
  + Bill Rose
  + Andrew Stumpf
  + Jennifer Fraterrigo
  + Shannon Anderson
  + Karl Helmink
  + Paul Foote
  + Yun Kyu Yi
  + Matthew Gold
* Review of Meeting Objectives
  + Discussion on Information on building energy usage.
  + Discussion on draft recommendation for campus mobilization on energy saving.
  + Discussion on Energy Recommendations Wishlist idea
* CO2 District Heating and Cooling Update – Damon
* Building Energy Usage – Tyler
  + Important to consider that EUI does not tell the whole story in regard to building energy usage.
  + There may be better graphical representations on how to illustrate this data to discern outliers.
* Draft Recommendation for campus mobilization on energy saving – Bill
  + Jennifer notes that funding for these types of classes is available, NRES 285 is a current class that is very similar to what this recommendation aims to accomplish.
  + Paul has guest lectured in the class, it involves students analyzing the efficiency of a building.
  + Yun notes that the Levenick funding that is available only lasts for a year in order to have the course content be developed.
  + Student Sustainability Committee could be a source of funding for these courses
  + Should this be an opportunity for individual departments to plug into or should this be coordinated between different departments
  + Bill’s idea is that having more eyes on a project in progress could push more project designs into compliance with state energy code in a manner that is not currently taking place.
  + Challenge will be finding faculty or teaching staff with the bandwidth to develop and teach the course
  + Are we calling for a course to be developed or just participation in existing procedures, may be easier to pair students for participation rather than develop a new course. ENVS 492 is a capstone course that may be fitting.
  + Some training may be needed to ensure students know what they are looking for in regard to this proposed project.
  + This could be a week by week training then learning
* Recommendations Wish List: Regenerative Design Expansion Path
  + *The current punitive zero-growth policy which limits campus expansion hampers Illinois from competing with peers. Complementing this policy with a supporting view of expansion, as an "OR" path, is to create a policy that allows for new construction when it adheres to regenerative design that enhances life and enables subsequent generations to flourish. One way to attain this would be via the Living Building Challenge model provided by the International Living Future Institute. (*[*https://sustainablebrands.com/read/product-service-design-innovation/the-shift-from-sustainable-to-regenerative-design*](https://sustainablebrands.com/read/product-service-design-innovation/the-shift-from-sustainable-to-regenerative-design)*)*
    - This topic will be discussed at the next meeting.