

iCAP Working Group

Oct 2024 Meeting

Date: Oct 22, 2024

Time: 3pm-4pm CDT

Location: [Teams](#)

Attendees: Jennifer Fraterrigo, Morgan White, Miriam Keep, Carl Bernacchi, Jamie Singson, Natalie Reed, Brad Klein, Jack Liong, Rob Roman

Data visualizations

- Morgan: Goal has been improving energy per square foot, also need to look at total energy use. Looking at energy per capita is also interesting.
- Carl: Needs to be impetus at unit level. Square footage question is interesting. Need campus wide goal with benchmarks at unit level. 20% reduction from FY15 to FY35 is a stretch goal but I think we should do it.
- Jack: Need to consider how much this will cost the college, weighing new technologies against energy savings.
- Morgan: Important to remember climate change impacts. Can maybe set a goal based on average improvement for colleges that improved
 - o Jen: wondering if we can take out number and say something about reduction commensurate with relevant factors...something that allows more flexibility. Want objectives that are realistic and actionable.
- Rob: Reduction in energy could be counterproductive to a growing university. Will be an energy-intensive environment. Is there a way to repackage that goal?
- Morgan: Important for resilience to ensure we don't consume above our means
- Brad: Colleges have limited control over their energy use...systems are centrally controlled by campus.
- Brad: Can't accommodate growing campus community without expanding facilities
- Carl: Maybe not 20%, but there's got to be some low hanging fruit for the colleges...smart technology etc. There need to incentives or expectations that units start adopting more energy efficient technologies.

- Brad: Illinois Space Advisory Board does have committee on net zero growth policy. Already difficult to build new buildings. Adding a new hurdle will not be popular. But these are our goals.
- Carl: Keep hearing that fighting climate change is bad for the economy. That old mindset is not helpful. Need to word this in a way that is actionable and understandable. No way to make everyone happy.
- Morgan: a few years ago we talked about a carbon tax that could fund energy efficiency. Maybe we can try to talk to someone from provost's office about IVCB. Maybe it won't be about a specific percent reduction but a requirement to contribute to energy efficiency.
- Brad: IVCB has been delayed by pandemic.
- Morgan: Do you know timeline for next campus master plan?
- Brad: believe we were just waiting for Jeff Angiel to get on board. Will just be our campus. Need to start talking to the System office, the contract will be run through them.
- Jamie: How can we incentivize units to build LEED platinum?
 - o Brad: was just in a meeting where they said it's about 25% more expensive to build platinum instead of silver. Some units may be more open to it, like Gies which has committed to become net zero.
- Morgan: Should we ask colleges to develop their own plans, set their own targets? Maybe ask them to review their progress and identify targets they will commit to, then identify actions and how to fund. Can put some boundaries around this.
 - o Brad: Can be opportunity to identify mechanical systems that need to updated.
 - o Jack: Can also conduct maintenance inventory of things like windows. Many buildings with single pane windows, not measuring how much energy we are losing
- Brad: We can develop a toolkit of things that will impact colleges – like windows? Focused on what they can do, things in their realms of control.
- Jen: Data raises many questions. Will need to pivot to identify next steps.
- Morgan: maybe next step is to share data at facilities planning committee, get feedback from business managers, senate committee on operations, although I am not sure if this will get us answers.