**iCAP Energy February Meeting Minutes**

**Date:** February 6, 2025

**Key Agenda:** Team updates, solar rooftop projects, energy efficiency funding, occupant engagement, and infrastructure improvements.

**Attendees:**

* Adrika Vats
* Tim Mies
* Amber Perfetti
* Michael James Larson
* Paul Foote
* Karl J Helmink
* Miriam Rose Keep
* Roman Makhnenko
* Anthony Thomas
* Andrew J Stumpf

**Key Topics Discussed**

1. **Team Updates & New Members**
* Introduced new team members who joined the group after onboarding sessions.
* Updates on previous team members stepping back due to other commitments.
1. **Solar Rooftop Project**
	* Reviewed solar feasibility for the Krannert Art Museum, identified as a strong candidate due to recent roof renovations.
	* Preliminary estimates suggest a 130 kW array could offset nearly half of the building’s annual electricity consumption.
	* Discussion on funding sources, including campus funds and potential federal incentives.
2. **Energy Efficiency and Funding Opportunities**
	* Identified a new Energy Efficiency Revolving Loan Fund from the Illinois Climate Bank as a potential financing option.
	* Discussed existing campus funding mechanisms and strategies for securing additional resources.
3. **Building Energy Efficiency & Occupant Engagement**
	* Reviewed pilot program for engaging building occupants in energy conservation efforts.
	* Selected six campus buildings for initial outreach, focusing on temperature regulation, lighting efficiency, and lab energy use.
	* Explored using surveys and QR codes to collect occupant feedback efficiently.
4. **Infrastructure & Mechanical System Modernization**
	* Discussed a proposal to increase funding for energy performance contracting and revolving loan programs to modernize outdated campus infrastructure.
	* Identified stakeholders to engage for securing funding and administrative approval.
5. **Engineering Open House & Outreach**
	* Explored the possibility of showcasing campus energy and sustainability projects at the upcoming Engineering Open House in April.
	* Discussed collaboration opportunities with other sustainability-focused campus groups.
6. **Fume Hood & Lab Energy Optimization**
	* Identified multiple underutilized or continuously running fume hoods and lab equipment consuming excessive energy.
	* Planned site visits to assess opportunities for decommissioning or optimizing ventilation systems.
7. **Composting & Waste Reduction Initiatives**
* Discussed ongoing composting efforts in select buildings and the need to expand programs.
* Explored collaboration with student organizations and other campus departments to increase waste diversion.

**Action Items & Next Steps**

1. **Solar Rooftop Project**
	* Finalize cost estimates and funding proposals for the Krannert Art Museum installation.
	* Assess additional campus buildings for rooftop solar feasibility.
2. **Building Efficiency & Occupant Engagement**
	* Begin outreach to selected buildings and collect feedback on energy-saving practices.
	* Develop a QR code-based survey for broader student engagement.
3. **Energy Efficiency Funding**
	* Investigate eligibility and application process for the Illinois Climate Bank loan fund.
	* Continue discussions with campus administration on increasing funds for energy efficiency projects.
4. **Engineering Open House Planning**
	* Determine feasibility of showcasing energy initiatives and finalize participation details.
5. **Lab Energy & Fume Hood Optimization**
	* Conduct site visits and coordinate with facility managers to reduce unnecessary energy use in labs.
6. **Waste Reduction & Composting**
	* Identify new locations for composting programs and reconnect with past partners to expand efforts.