Attendees…

**Mike Larson**, Director of Utility Production, Facilities & Services

**Tim Mies**, Deputy Director of Operations, Energy Farm, Energy Biosciences Institute

**Xinlei Wang**, Professor of Agricultural and Biological Engineering

**Catherine Yee**, Student Member

**Jack Morrissey**, Student Member

**John Flanagan**, iSEE Campus Sustainability Intern

**Niharika Kishore**, Research Professor NRES

**Morgan Johnston**, Associate Director of Facilities & Services

*\*2nd faculty member [remains TBD]*

***At this meeting the EGEN team met with Morgan Johnston and Niharika Kishore who gave a presentation about solar installations on campus.***

List of installations on campus was presented including:

* 7 kW system at re:Home
* BIG going to expand their solar system
* Estimated 6.8 kW system to be located at energy farm
* Wassaja 30 kW array
* Difficult to quantify energy from solar thermal system at ARC

This same presentation was given to departments on campus. Everyone has said ‘yes’ we can include their building in the proposal to perform a structural analysis for potential solar system.

Their concern is resources. They have offered to participate in conversation, to promote the idea, could review RFP, etc…

As a rule of thumb Morgan has been estimating at $3/Watt installed (does not include structural analysis)

Greenspace vs. rooftop vs. parking for solar implementation on campus

* As a result of solar farm arrangement SSC will no longer contribute to solar installations on green space (can we amend this?) – In truth, the agreement reads, F&S will no longer request solar on green space.
* $2.5/Watt installed for original solar farm
* Total cost about $15 million
* One must consider the opportunity cost of utilizing green space, for instance 20 acres from crop sciences area could be quite valuable to that department (research).

**Potential recommendation to iWG**: Campus Leadership needs to decide whether to pursue green space, rooftop, or parking for solar implementation on campus.

*So how do we get them the information they need in order to make that decision?*

* Charge campus task force (ACES, F&S, SWATeam, engineering faculty, staff, and students) to analyze pros and cons for options for reaching on-campus solar goals to do analysis.
* Here are the methods that are out there and SWATeam lists pros and cons, campus needs to make some decisions about the best way to move forward.
* Life cycle analysis cost – Niharika working on analysis of putting up panels vs. not putting up panels (more general than specific to campus)
* Key stakeholders would include…

**Morgan** would like to empower the SWATeams to pursue analysis, get in touch with people who know things, and gather information.

EGEN teamwill get started on this.

**John** will send out doodle poll to setup first meeting for next semester.