Senate Sustainability Committee  
Meeting Minutes: October 25, 2017  
Centennial Hall, Rm 224

Attending in Person: Lauren Curtright, Kelly Robinson, Jenni Asman, Trisha Kanan, Michael Black, Lenore Musick, Greg Moore, Ramesh Vakamudi, Soon-Ho Kim, Luis Aleman, Robert Moore  
Attending via WebEx: Ian Campbell, Dajun Dai, Kathy Dolan, Pamela Gore, Janice Maxwell, Alessandra Raengo, Christin Smith, Regena Spratling, Ariday Walkes, Joanna Wilson

Business:
1. Presentation by Kelly Robinson, Director of Enterprise Infrastructure, Instructional Innovation and Technology (IIT): biggest opportunity for Green IT is the GSU Data Center, which has a presence in Library South, Dahlberg, and Aderhold; another main one at Clarkston; presence at each campus. Following the merger, IIT decommissioned secondary backup in Alpharetta and moved secondary backup to Clarkston. 
Restructuring the Data Center: IIT is looking at how things are racked and ways to decrease power consumption. There is legacy infrastructure, so IIT is working on upgrading equipment and wants to tie updates to sustainability initiatives.
   a. Cloud possibilities for hosting workloads are being considered, which would reduce footprint. There’s a comfort factor in the security of the cloud, but this may be more of a cultural change as security is assured in clouds we would use. GSU won’t go fully in the cloud because it would be cost prohibitive. The cloud would be best for short term acute needs. Jenni Asman suggested talking with Georgia Tech, which is working on a green certification for its data center.
   b. A Virtual Desktop Infrastructure (part of Tech Fee proposal) that students could access from their own computers remotely would mean not having to build out as many new computer labs in the future.
   c. Desires: reduce footprint, decrease power utilization, create more efficient use of space and resources, decrease costs
   d. Challenges: measuring footprint improvement (tracking energy consumption of data center)
2. Discussion of energy use goals
   a. Total expenditure for utility bills is around $10 million annually, and about $8 million is for electric bills. This will likely go up with the former Turner Field/new Georgia State Stadium area developing and coming into more use.
   b. Lighting, heating, and cooling tend to consume the most energy.
   c. Research lab buildings have the highest energy consumption, which makes sense based on their needs.
   d. Square foot consumption might be the best measure.
   e. Sustainability Committee could set energy conservation goals for GSU. Campus Master Plan is being updated right now, with goal for completion by Spring 2018. Look into addressing this more at the December 6th meeting.
3. Approval of minutes from September.
Meeting adjourned at 10:50 am.