Task Force on Affordability – Facilities Subcommittee Preliminary Recommendations

December 13, 2011

- 1. Utility Utilization and Cost
 - a. Reactivate the "Be Energy Aware" campaign for the campus community to educate faculty/staff and students on ways to reduce energy utilization, particularly electrical consumption.
 - b. Evaluate the use of motion sensors in selected building restrooms, corridors, and classrooms. All new building and major renovation design utilizes motion sensors in offices, restrooms, and corridors where funding permits.
 - c. Continue lighting conservation efforts to include CFL and LED installations and use of task lighting.
 - d. Shut down all personnel computers overnight when not in use to reduce energy consumption.
 - e. Ensure all new purchased equipment is Energy Star rated.
 - f. Conduct an internal/external audit of all laboratory bio-safety cabinets to ensure efficient filtration and energy conservation measures are in place.
 - g. Metering of campus buildings to determine benchmarks and track effectiveness of energy saving projects.
 - h. Move smaller buildings not connected to the Central Heating Plant from Rate 220 to Rate 225 saving an estimated \$40,000 to \$50,000 per year.
 - i. Institute a 10 year plan to phase all University owned vehicles to alternative fuels where feasible with the goal of cutting our energy consumption by $\frac{1}{2}$ in 2020.
 - j. Continue insulation of steam pipes and valves in utility tunnels.
 - k. Use of air filters with a higher MERV (Minimum Efficiency Reporting Value).
 - 1. Installation of UV-C lights on fan coils and drain pans to keep coils cleaner to improve efficiency.
 - m. Remove all campus building rooftop drainage from the current combination sewer system and utilize "green methods" (i.e rain gardens) to reduce sewage bills.
 - n. Implement a campus-wide self-audit of departmental lighting to reduce/eliminate unnecessary or excessive lighting.
- 2. Operations & Maintenance
 - a. Expanding use of student employment in grounds and custodial areas, where feasible.

- b. Review of existing maintenance contracts with outside vendors.
- c. Use of alternative fuels in grounds maintenance equipment (e.g. BGSU mowers fueled with vegetable oil).
- 3. Administrative Cost Savings
 - a. Extending the refresh period for computing purchases from three to five years.
 - b. Exploring collaborative arrangements with other Indiana higher education institutions to share computing resources.
 - c. Expanding the imaging project to improve usage of space and create efficiency.
 - d. Review best practices at other universities to determine an appropriate process to evaluate administrative department efficiency.
- 4. Space Utilization
 - a. Develop guidelines for assignment of space to emeriti, adjunct faculty, and graduate students.
 - b. Evaluate classroom utilization.