



- Building heating, ventilation, and air conditioning (HVAC) systems are some of MSU's energy hogs. With improvements in technology, data bases, and communication between departments an idea emerged that will save energy dollars at a zero cost.
- The units that condition the buildings are controlled by Energy Management and set to an "occupied" mode or an "unoccupied mode". They are set for occupied mode as long as office hours, classes or events are scheduled in them.
- Historically, all buildings were equally available for evening and weekend scheduling without regard to energy consumption. Consolidation of information presented the opportunity to identify buildings that remained in an occupied mode, but offered few classes in the evenings and weekends.

- By identifying these spaces, scheduling classes and events in fewer buildings, and changing the set point from an occupied mode to an unoccupied mode in some of the buildings, the university will conserve energy and reduce carbon emissions.
- Four buildings will be impacted in the first phase of this program. Pummill Hall, Siceluff Hall, Glass Hall and Hill Hall will be set to unoccupied at 5 p.m. and all day on weekends for the Summer 2013 semester. By reducing the number of hours per day/per week that the building remains in occupied mode will result in an estimated 15 percent reduction in electricity from the previous year.
- It is expected that the university will save \$6,500 and 79 metric tons of CO2 this summer.
- By extending the program for fall and spring semesters, it is estimated that the university will save \$60,000 and the carbon reduction will be 709 metric tons.
- This project will not affect buildings or areas that are used as daily workspaces, labs, or any other areas that have special temperature requirements.

For more information please view the [Scheduling Space for Energy Efficiency Presentation](#).

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