



MARCH 2009

# Green Campus Newsletter Chico State



## CONTENT

**BMU energy**  
\*Page 1\*

**SCOOP update**  
\*Page 2\*

**Shasta/Lassen  
Energy  
Competition**  
\*Page 2\*

**Whitney Hall  
Energy  
Competition**  
\*Page 3\*

**Sustainable  
Sundays**  
\*Page 3\*

The Alliance to Save Energy's Green Campus Program is funded by the ratepayers of California under the auspices of SCE, PG&E, and Sempra Energy



## BMU ENERGY IDENTIFICATION AND IMPROVEMENTS

By Jackie Mercure

Green Campus has partnered with AS Sustainability to identify, and hopefully improve, the energy use in the BMU. The ultimate goal of this project is to help the AS save as much money and energy as possible by retrofitting the BMU in a more energy efficient manner.

Green Campus and AS Sustainability would like to eventually get the BMU Energy Star certified after some of the potential retrofits take place. This certification is one of the first steps to take towards eventually getting the BMU LEED EB certified.



The project will require Green Campus and AS Sustainability to look at the lighting in the BMU. A lighting audit will be done; starting in public spaces to discover how much light is needed in certain areas. The hope is to install different types of lighting sensors as appropriate to the situation.

Robin DiFalco and Deanna Dottai, from AS Sustainability, have already done much of research on light sensors needed for this project and have an idea of what would be appropriate.

Furthermore, Green Campus hopes to install power saving software on computers throughout the building in support of this project.

This is an important project and will most likely result in demonstrable energy saving for the Associated Students and be an educational experience for those involved.

This project also has the potential to possibly be repeated on other buildings on campus. We enjoy working with other groups on campus in order to promote energy efficiency and are very happy to be working with Robin and Deanna from AS Sustainability!

## VENDING MISER INSTALLATION

Two more vending misers were installed during March: one in Langdon Hall and the other in Butte Hall. Green Campus is currently collecting data to compare the energy consumed with the miser verses without it.

Green Campus hopes to continue rapidly installing the misers and accurately collecting data as the semester progresses. There are still many vending machines to be conquered by the vending miser and Green Campus can't wait to install them!

Thank you to the Institute for Sustainable Development for allowing us to store the misers that have yet to be installed!



**MONTHLY METRICS**

**Earth Hour Participation Signatures**  
77

**New stakeholders**  
3

**Vending Miser savings (for Langdon Hall's miser)**  
576 kWh saved annually

\$80.64 saved annually

**People reached through Sustainability House presentation (3/29)**  
15



**SCOOP UPDATE**

By Jackie Mercure

This month, as support for SCOOP, Chico Green Campus worked on an energy training presentation that was directly developed to compliment the SCOOP tool.

The energy presentation goes over how to use each energy metering tool during an audit and what to look for during an audit, including power-strip placement and devices that use phantom loads.

In addition, SCOOP booked its first office audit of the semester, which will take place on April 28<sup>th</sup>. Green Campus will be providing the personnel to do the energy portion of that audit.

SCOOP will hold a "Brown Bag" luncheon on April 3<sup>rd</sup> for staff in order to get the word out about what SCOOP does and to plant seeds in the staff's heads about simple things that they can do in their offices that will contribute to sustainability before SCOOP even arrives.

A huge emphasis has been placed on energy, since its relationship to CO2 emissions and money savings is so easily explained.

Staff will be taught about computers and phantom loads, system lighting and how to reduce their impact in those situations.

**SHASTA AND LASSEN ENERGY COMPETITION**

By Jackie Mercure

The Shasta and Lassen Energy competition got off to a great start! Green Campus was able to attend an RA meeting on March 23 in order to promote the competition.

Getting the RAs involved is especially important because, in the past, Green Campus has had the dorms compete against each other, however, due to the construction going on (that uses Shasta as a power source) the energy use for the dorms is no longer comparable.

This semester the dorms will compete against their previous energy use in spring of 2008 rather than against each other. The goal is for Shasta to break even with the score, because at the time no construction was going on, and for Lassen to have a five percent reduction in energy use.

Green Campus was able to make this new strategy clear to the RAs and gave them contact information for those participating in the project if they had any questions while the competition was going on.

The RAs were also enlisted to help in advertising for the competition by holding a poster contest. Green Campus will continue promoting the contest through the month of April and by speaking with the RCC, RAs and participating students in order to make sure it continues running smoothly and the students are excited about the competition.

Green Campus hopes to have the energy saving results by the first week of May and will then hold parties for both halls if they meet their saving requirements!





## CONTACT US!

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## WHITNEY HALL ENERGY COMPETITION

By Shannon York

Green Campus staff members ironed out the details for the first Whitney Hall energy competition this month.

Haley Gilmore and Shannon York of Green Campus met with Brad Wolf, Assistant Residence Community Coordinator for Whitney Hall, to find out the details of how to get RAs involved in the competition, what types of energy-saving tips to give residents and when to hold and what to serve for the final party, among other things.

The energy competition will take place during the month of April. Green Campus hopes to get the results of that month's competition during the first week of May and then compare it to April 2008's energy bill. If residents are able to save three to five percent, they will receive an ice cream party in early May.

## FIRST SUSTAINABLE SUNDAY A SUCCESS

By Haley Gilmore

Being energy efficient is an important part of leading a sustainable lifestyle, but it's not everything. That's why Green Campus has started Sustainable Sundays, a program designed to teach the residents of the Sustainability House and the rest of North Campus about other aspects of sustainability that compliment energy efficiency and conservation.

Green Campus has teamed up with other student environmental groups to give the residents a wide range of topics to learn about. These groups, which include AS Recycling, Environmental Action and Resource Center (EARC), Recycling and Rubbish Exhibit (RARE), and Take Back the Tap, will come and speak about their projects and how to get involved with them.

On March 29th, Sustainable Sundays hosted Lauren Pope from the Zero Waste Task Force. The event proved to be a successful first run with 15 attendees. After Lauren's presentation, the residents were encouraged to ask questions and then Green Campus team members quizzed them on what they learned. This open forum atmosphere created a lot of participation and good discussion.

These events also provide a great opportunity for Green Campus to get face time with the residents and learn more about what they are interested in, what they already know, and what they want to learn more about. The next event will host AS Recycling and will take place on Sunday, April 5th at the Embassy room in Konkow Hall.



Lauren Pope giving Zero Waste presentation



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