

Green Pastures

GREEN CAMPUS PROGRAM



CAL POLY
POMONA
MARCH 2008



Parking Structure Gets Tested for Lighting Conditions

On March 24th-25th, Green Campus interns conducted the first part of the Parking Garage audit. The parking garage accounts for 50% of Transportation Services energy bill each month. Test results will determine which lights can be turned off during the day. These statistics will be used to help build a report on how energy can be saved in the Parking Structure. These results will be presented to Parking and Transportation Director Glen Shanker and police representatives in the coming weeks. Transportation Services is eager to support the

program in reaching their goal of reducing the overall energy usage of the Parking Garage. Light levels were measured in eleven key areas on all six floors.

Tests were conducted from seven in the morning until nine at night at five intermediate intervals. It was a long couple of days, but the team had a chance to get know one another. This project was the first collaborative undertaking of the new Pomona team.

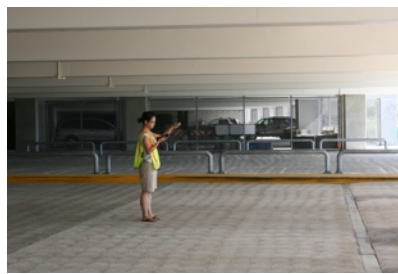
Following their assessment, interns have determined that the most ideal course of action is to turn

off unnecessary lights during the day time, since there are no associated costs for these changes except labor. Other savings opportunities identified include closing the structure during weekends and/or holidays when there is minimal use. To supplement these minor but substantial savings, the installation of motion sensors or bi-level lighting in the stairwells may be viable options to improve savings even further.

By: Christopher Scotti



Christopher Scotti and Razilee Tadeo measuring and recording light levels in the parking structure.



Christopher Scotti and George Lwinn, Cal Poly's energy manager, discussing the days procedures.

Competitions On!

In April 2008, Cal Poly Pomona will hold its first ever residence hall energy competition. Green Campus has been working hard with the Housing Green Committee to come up with the most effective way to reach out to the residents about their energy consumption. They believe that education is at the core of promoting sustainability behavior. With the help of Resident Advisors, Green Campus will hold Energy Education Week prior to the energy competition. Green Campus Interns will present an energy efficiency education program to the Resident Advisors to enable them to discuss and teach their residents energy saving practices. These practices will not only be affected in the residence halls, but can be carried on beyond their years at Cal Poly Pomona.

As a kick off for the education week, Green Campus will be conducting another Compact Fluorescent Lamp (CFL) Exchange in front of the residence halls on Earth

Day, April 22. Although the exchange in December 2007 was successful, it was limited to Alamitos Hall.. This time around, Green Campus plans to expand their reach to all of the dorms in an Earth Day Celebration. In addition to the CFL Exchange, Housing talk about recycling, and a drum call will be used to represent how individuals working together can impact many.

The energy competition will begin the following week and through the end of May. Green Campus interns plan to conduct energy patrols in the residence halls. Reminders to turn off lights will be given to residents who leave their lights on when unattended, and thank you notes will be given to those who are seen saving energy. The winner will be determined by the building that has made the largest percentage energy reduction since the beginning of the contest. Suggested prizes include a barbecue, pizza or ice cream party for all residents in the winning hall.

By: Razilee Tadeo

2007-08 academic
year to date:

Metrics:

CFLs 23W
exchanged: 648
bulbs

Energy Savings:
480,001 kWh
savings

This Month's Fun Fact

-Compact Florescent Bulbs use only 30% of the energy that conventional incandescent bulbs use and they can last up to ten times longer!

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The Celebration of the Year

Green Campus is gearing up for Cal Poly Pomona's Earth Day celebration on April 22nd. At Cal Poly Pomona the campus's very own Green Team is planning a day of festivities which will feature a host of organizations ranging from clubs on campus to community members, like the John T. Lyle Center for Regenerative Studies, the Bio Diesel Initiative, the Alternative Energy Club and many others. During this celebration of our beautiful planet Cal Poly Pomona's Green Campus Program will reaffirm its commitment to environmental stewardship with our specific focus on energy efficiency. The Green Campus team members will be out at University Park during Earth Day with other clubs providing information about energy efficient practices like the use of natural lighting, energy efficient technology, and advocating the practice of energy conservation. The Green Campus team will also be conducting a Compact Fluorescent Lamps (CFL) exchange to encourage the use of energy efficient lighting. Come on out and join Green Campus, the Green Team, campus clubs, and community members during our Earth Day celebration on April 22nd, 2008 from 11 AM-2 PM at University Park!

By: Sunny Tsou

The Alliance to Save Energy's Green Campus Program is funded by the California Ratepayers under the auspices of Southern California Edison.

