

# THE GREEN INSIDER

Meet Penny the Penguin!



Metrics  
Year-In-  
Review

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Best Practice  
Photo  
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Cal  
Poly  
Pomona



AN ALLIANCE  
TO SAVE  
ENERGY  
PROGRAM



# Introducing Penny the Penguin!

By Brandon Sauer

The PowerSave Campus Team was preparing for Campus Conservation Nationals, when one day they stumbled upon a lone penguin named Penny hanging around the turtle pond. Penny the Penguin had been stranded on a drifting ice block with her family for an entire month, slowly separating from the colony when she decided to swim North to discover why her icy habitat was disappearing. After a perilous journey through oceans, rivers, storm drains, and public transit, Penny arrived at Cal Poly Pomona. Penny's goal is to encourage students, faculty and staff to change their behaviors and live more sustainably in order to help create a better life for her and her frozen friends in the Antarctic. Penny will be promoting her cause all over campus, so if you see her around, stop and say hi, take a picture, and ask about ways you can help out!



# Discontinuing of 40W Bulbs

By Ryan Goff

As the New Year kicks off, the original incandescent light bulb invented by Thomas Edison reaches its end, marking a huge step for sustainability and more efficient lighting. Traditional 40W and 60W incandescent bulbs have been banned from production in the US and only existing surpluses of the bulbs can be sold in stores as of January 1, 2014. Certain retail stores estimate their count of bulbs to last 6 months into 2014, after which alternatives will have to be used. The phase out of these types of bulbs started with legislation enacted in 2007 that targeted higher wattage bulbs in the market. The law forced producers of the bulbs to make them more efficient or even discontinue them if they do not meet criteria. Replacements for incandescent bulbs consist of Compact Fluorescents (CFL) and LED lights that, despite higher initial cost, consume much less energy than their incandescent counterparts and end up saving the consumer money in the long term. With this new law underway hopefully we can all become more energy efficient in our lighting practices and reduce our wasteful energy consumption, saving more for the future.

## Make it Rain

By Arpy Kasparian

Turn off your sprinklers! Skip the car wash! Flush sparingly! Bring out your prayer books, spirit offerings, and dance moves because California is going to need everything you got! On January 17th, Governor Jerry Brown declared a drought emergency in the state of California, calling it “perhaps the worst drought California has ever seen since records (began) about 100 years ago.”

Rivers and reservoirs have reached dangerously low levels and have recently been recorded to hold only 61 percent of average levels. Even more disturbing, snowpack (which supplies most of the state’s water) was at 20 percent of average levels in December. Temperatures have also continued to climb, making it not only one of the driest, but also the hottest Januarys to date. Many California cities including San Francisco, Sacramento, Oakland, Santa Maria, and Salinas broke their monthly record high temperatures this January. Desperate situations have forced farmers in central California to sell their cows and forgo planting certain crops such as tomatoes and avocados. Recently, reports claimed that 17 rural communities could run out of water in 100 days. And, these winter wildfires aren’t helping!

Governor Brown’s declaration allows the state to seek help from the federal government and gives the state more flexibility to manage the flow of water. However, the best help can come from citizens of the state. Governor Brown called for voluntary “20% conservation of our water use” from state agencies, businesses, and you. If this fails, mandatory restrictions could be enforced. Brown stated, “It’s important to wake all Californians to the serious matter of the drought and lack of rain. We are in an unprecedented, very serious situation that people should pause and reflect on how dependent we are on the rain, nature and one other.”

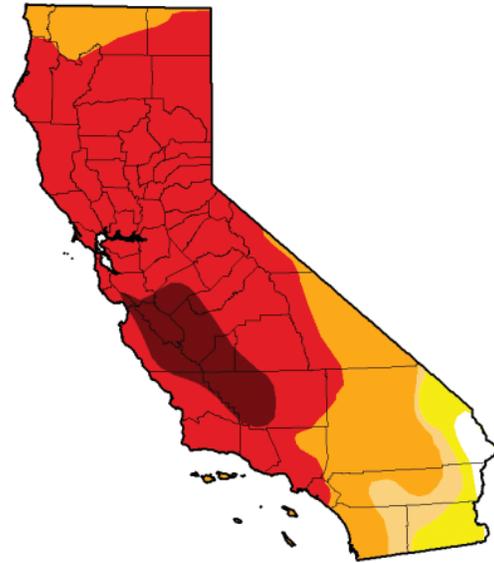
The Campus Conservation Nationals taking place on campus could not have come at a better time! Join the PowerSave Campus Team to reduce water use by 20%. So, if you usually take 10 minute showers, try to take 8 minute showers instead. Or, you can really impress your governor and fellow Californians by not showering at all. Just kidding. Five minute showers? Can you do it? Turn the water off when you brush your teeth. Make sure to run dishwashers and washing machines on full loads. Get even greater reductions by saving with a friend! Like Governor Brown said, it is important to bring awareness of this serious issue to all Californians. Let’s start here!

To keep up with the drought news visit:  
<http://www.water.ca.gov/>



According to the U.S. Drought Monitor, which tracks drought for the Agriculture Department, 62 percent of California was classified as under “extreme drought” the week the drought emergency was declared — by far the highest percentage since the measure was first kept in 2000. Source: [www.bloomberg.com](http://www.bloomberg.com)

Drought Monitor map of California, showing the area of “exceptional drought” conditions in dark red. Credit: U.S. Drought Monitor.



## 2014 ENERGY EFFICIENCY SUMMIT

It is that time of the year again, the 10th annual PowerSave Campus Energy Efficiency Summit! On February 8-11 the interns will be at UC Santa Cruz meeting with other PowerSave Campus intern. The Energy Efficiency Summit is a fantastic opportunity for interns to attend various trainings on project planning, academic infusion and also learn about new technology and pilot projects. This event also offers professionals a perspective of the innovative work done by students. The Energy Efficiency Summit always gives the team the extra boost of enthusiasm and innovative ideas to help make our campus more sustainable.

# CCN Best Practice Photo Contest

By Jomel Bautista

The Cal Poly Pomona PowerSave Campus Team is giving away 2 Disneyland® tickets! All it takes to enter is a picture depicting how you are acting as a superhero and saving energy during this year's Campus Conservation Nationals. Simply take a picture of your reduction practice, add a description (see below), and upload it to Instagram with the hashtag "#cppccn2014" or upload it to our Facebook page or submit it to greencampus.cpp@gmail.com. For a list of full details and rules, please refer to: <http://powersavecampuscpp.weebly.com/ccn-photo-contest.html>.

What will you come up to conserve electricity and water? Will it be a unique way to study outdoors? Are you going to organize a practice event in the dorms or suites? Or maybe, will you put that brain to work and surprise us all?



#cppccn2014



Disneyland®

## POWERSAVE CAMPUS BY THE NUMBERS: METRICS YEAR IN REVIEW

Every year, we like to look back on our accomplishments from the year prior, and 2013 was quite the year for the CPP PowerSave Campus team! Below is a table highlighting just some of those accomplishments.

PSC PROGRAM GOAL	RESULTS
<b>ACADEMIC INFUSION</b>	
<i>Sustainability Course Guide (Fall to Spring)</i>	3 versions, 2,643 views
<i>Presentation in RS 450 Class (11/18)</i>	60 Students
<b>WORKFORCE</b>	
<i>Green Career Panel 2/13</i>	60 attendees
<i>Girl Scout Program (April-May)</i>	32 Girl Scouts
<b>COMMUNITY</b>	
<i>Energy Hog (1/14)</i>	450 Students
<i>Nancy McCracken Learning Expo (5/6)</i>	1,000 people
<b>OUTREACH</b>	
<i>Tabling Events</i>	12 events, 1,620 interactions
<b>ACTUAL SAVINGS</b>	
<i>Horse Stables Project (January)</i>	1,560 kWh
<i>Campus Conservation Nationals 2013</i>	5,680 kWh 283 therms of natural gas 22,450 gallons of water, \$940
<b>POTENTIAL SAVINGS</b>	
<i>Horse Stables Project (recommendations)</i>	759 kWh
<i>Library Lighting Audit (July)</i>	225,799 kWh
<i>Sustainability Pledges</i>	217 pledges

# Campus Conservation Nationals 2014

By Jomel Bautista

The largest competition to conserve electricity and water is finally here! The start official date of the competition is Monday, February 3rd, 2014 and it will continue through Monday, February 24th, 2014. We, the Cal Poly Pomona PowerSave Campus team, are extremely delighted to report that all building captains have been identified and that we have a team of strong leaders to help Cal Poly Pomona prevail as the top conservers.

For the next several weeks we highly encourage students in University Housing to participate in this competition, whether it be making sure all electronics are off before leaving a room or taking a shorter shower. We also invite all participants to visit us at our tabling events. At our tabling events, students will have the opportunity to discover a bit more about the world of conservation as well as other projects going on with the team. Upon stopping by our tabling events, students will automatically be entered into a raffle where participants may win one of the possible prizes: AMC movie tickets (4), a Cal Poly Pomona Parking Permit (1), a gift card to Jamba Juice© or Starbucks© (6), or tickets to Knott's Berry Farm© (2). For a list of official rules and details please visit: <http://powersavecampuscpp.weebly.com/ccn-raffles.html>.

Are you ready for competition? Be sure to acquaint yourself with your building captain(s) and peers to come up with creative ways to conserve electricity and water this Campus Conservation Nationals season.

For more up to date information please visit:  
<http://powersavecampuscpp.weebly.com/campus-conservation-nationals.html>.

In addition, stay up to date with the progress of your building through the online dashboard available at:  
<http://buildingdashboard.net/csupomona/#/csupomona>.

### Tabling Schedule

Tuesday 2/11	Los Olivos 11am-1pm
Thursday 2/13	Bronco Statue 11am-1pm
Tuesday 2/18	Bronco Statue 11am-1pm
Thursday 2/20	Los Olivos 11am-1pm
Monday 2/24	Los Olivos 11am-1pm

**POWER SAVE CAMPUS** AN ALLIANCE TO SAVE ENERGY PROGRAM

**CAMPUS CONSERVATION NATIONALS 2014**

**SUITES & HALLS FEBRUARY 3-24** **COMPETE TO REDUCE ENERGY AND WATER**

FIND OUT HOW YOUR BUILDING IS DOING

HOW WILL YOU HELP REDUCE? SUBMIT YOUR ACTIONS ON INSTAGRAM AND FACEBOOK TO ENTER IN A RAFFLE!

LEARN MORE: [www.powersavecampuscpp.weebly.com](http://www.powersavecampuscpp.weebly.com)

#cppccn2014 Cal Poly Pomona PowerSave Campus

DISNEYLAND TICKETS - PARKING PERMIT - MOVIE TICKETS

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