



**Portland  
Community  
College**

# Strategic Energy Management At PCC

Through the Eyes of a SEM Intern



*Our Newberg Center, a LEED Platinum building.*

# Overview

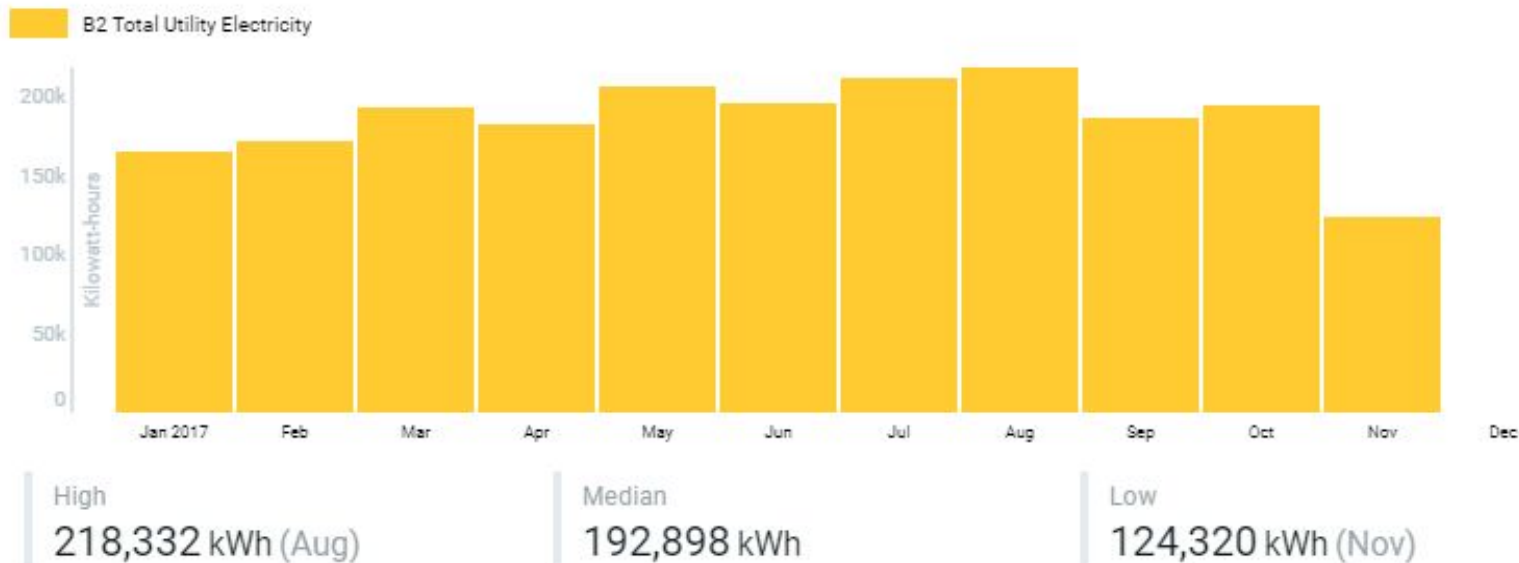
- EcoChallenge 2017
- Building 2 Scheduling Project
- Rock Creek Personal Printer Audit
- Sylvania Night Audit
- Sustainability Presentation
- Fridge Clings & Minor Projects
- Moving Forward: Plans for the Future





# Building 2 Scheduling Project

## B2 Total Utility Electricity / Last 12 months



# Rock Creek Personal Printer Audit

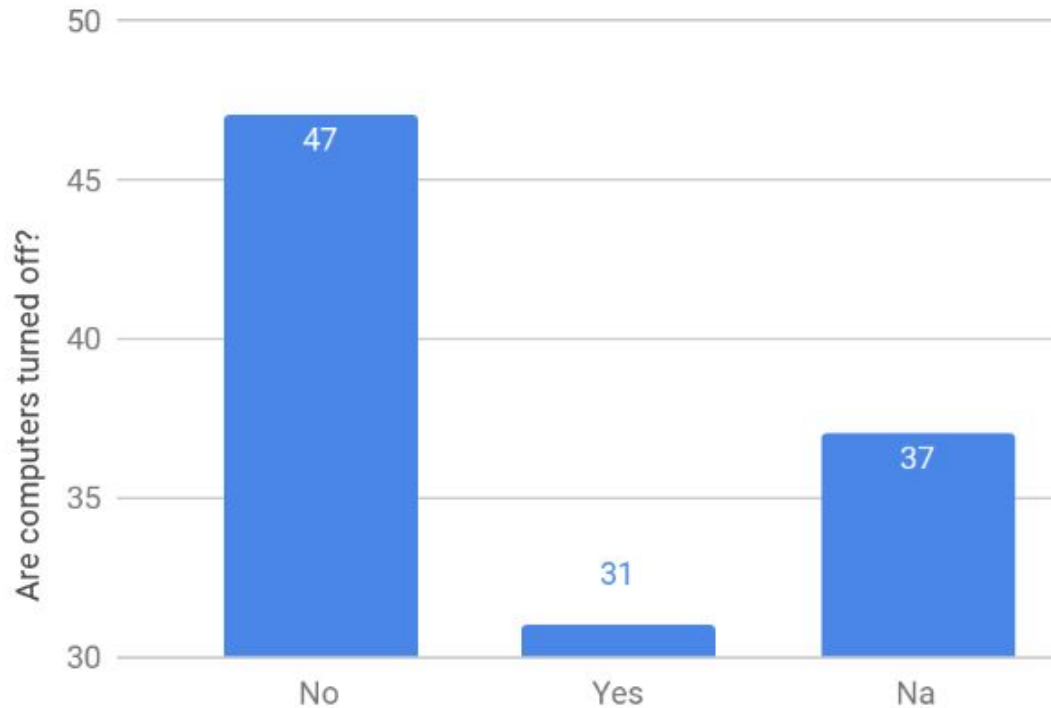
- How many personal printers do we have on campus?
- How many are Energy Star certified?
- How can we reduce paper and energy waste?
- What barriers impede networked printer usage?



*Wow, we look great considering it was 6am!*

# Sylvania Campus Night Audit

Are computers turned off?



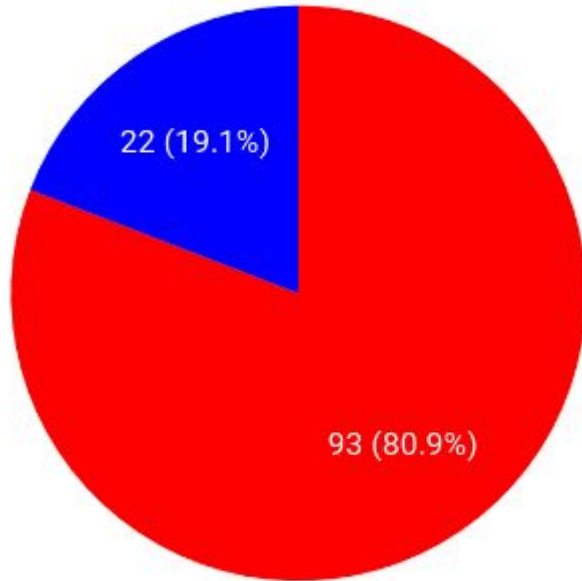
Computers were left on in **60.3%** of the rooms that had computers.

A total of approximately **504 computers were left on** in the 115 rooms we audited.



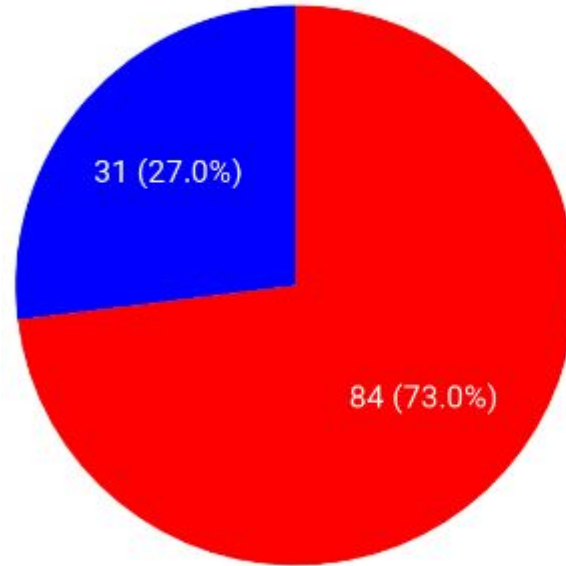
# Sylvania Campus Night Audit

Are the overhead lights on?



● No ● Yes

Are lights motion sensor?



● No ● Yes

Out of the 84 rooms that did not have motion sensor lights, overhead lights were on in 22. **User controlled lights were on in 26.2% of cases.**



# Sylvania Campus Night Audit



# Sustainability Presentation



- Individual Sustainability class
- Talked about active and passive solar and how each is used at PCC

*Our sheep think the solar panels at Rock Creek were a great idea.*

# Fridge Clings and Other Projects



- Cooler door clings to prompt users to keep doors closed.
- Reminders to power down electronics over breaks.
- More energy efficient surge protectors.

# Moving Forward

- Night audit follow up
- Building 2 scheduling project
- Personal printer reduction research
- Additional occupant engagement strategies
- Pilot project for use of more energy efficient surge protectors
- And more!



*happy  
holidays*

A large, ornate golden 3D decorative flourish is centered on the page. It features intricate scrollwork, leaf-like shapes, and small berry-like elements, all rendered in a metallic gold color with shading to give it a three-dimensional appearance. The flourish is set against a blue background with a faint, repeating pattern of stylized leaves and berries.

Thank You!