

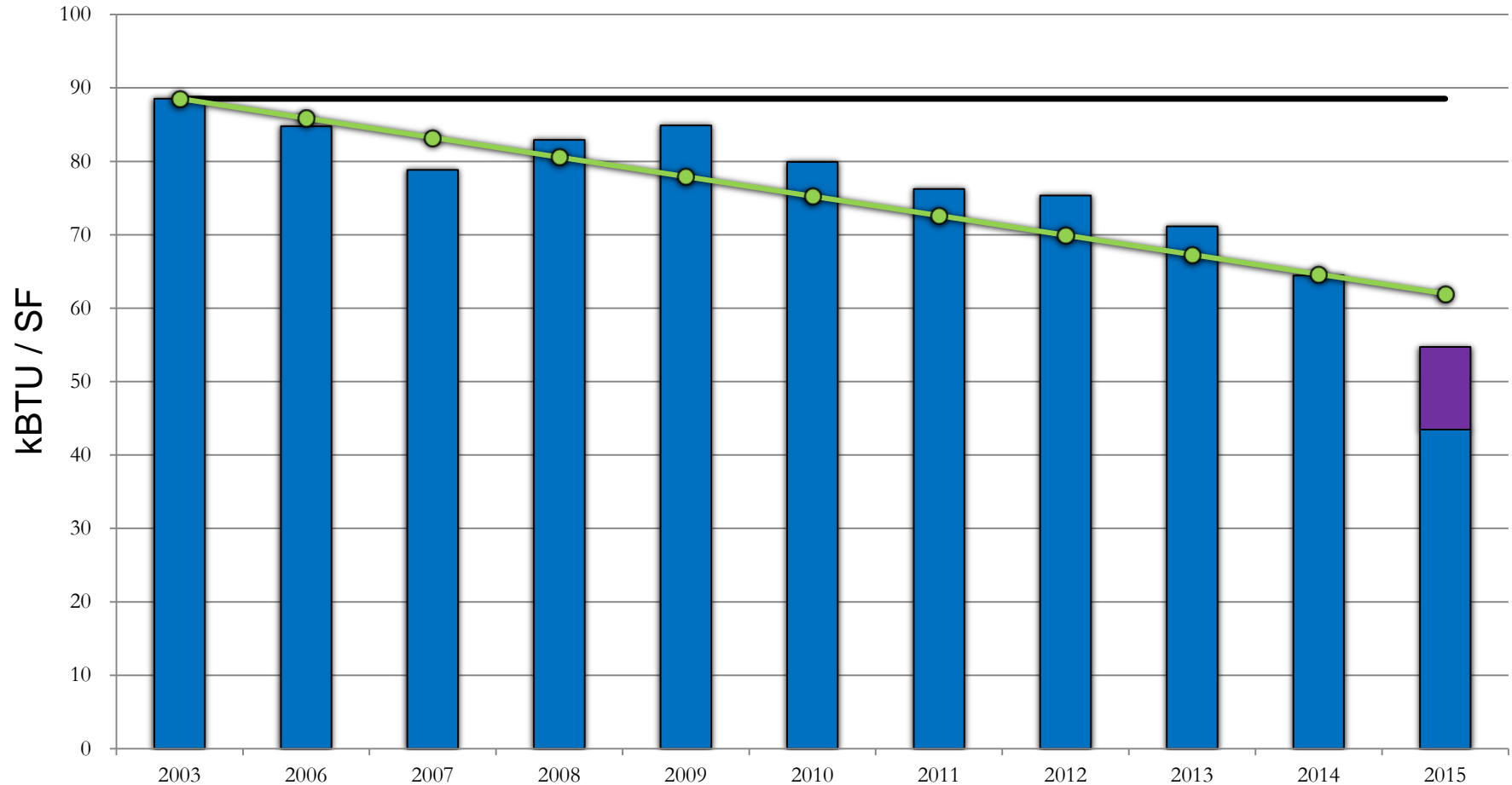
Facilitating an Energy Culture at the Presidio of Monterey



Jay Tulley
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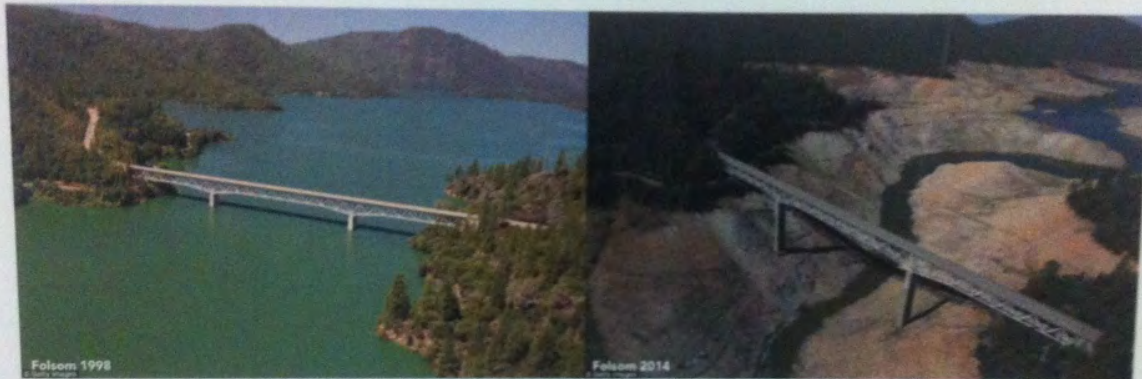
Energy Intensity Reductions

POM/OMC Energy Intensity



Outreach & Awareness Campaigns

Please conserve water by
limiting showers to 5 minutes.



California is still in a drought.



Thank you for your cooperation.
Price Fitness Center

Normative Influence



Seth Godin

Tribes: “People like us do things like this.”

Mock Bills



Electricity & Gas Statement

(for informational purposes only)

3rd Quarter FY 14

Customer Name:

Service Address:

Neighborhood:

**Your Cost for Energy
This Quarter**

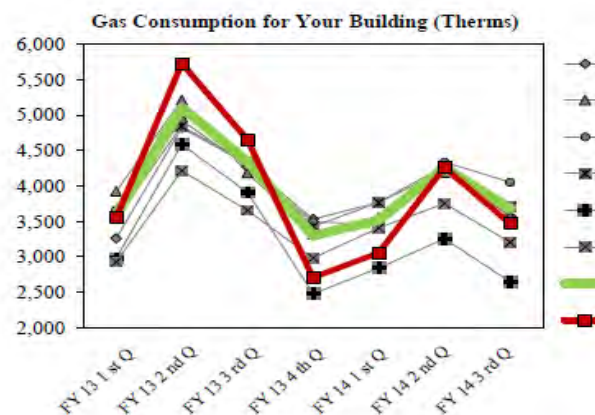
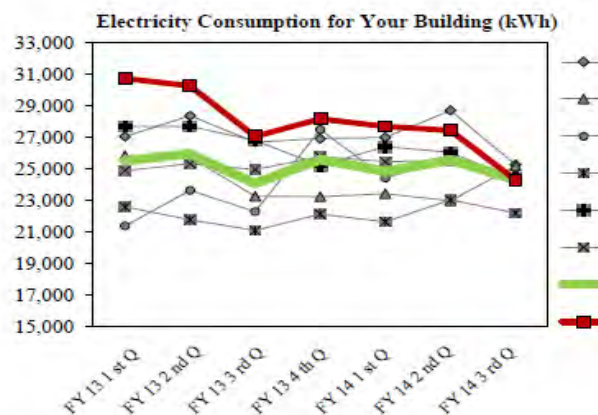
\$6,156

This Quarter 3,466 therms / 24,291 kWh
\$3,119 / \$3,036
@ \$0.90 per therm / @ \$0.13 per kWh

**Same Quarter
Last Year** 4,650 therms / 27,074 kWh
\$4,185 / \$3,384

Percent Change -25% therms / -10% kWh

Quarterly Cost Savings! **\$1,413**




For Questions About Your Statement Call: 1-831-242-

Engineering Energy Manager)

Analysis through online surveys

Barracks Energy Survey

 **SurveyMonkey®**

1. What electronics in use in the barracks do you personally own? (select all that apply)

<input checked="" type="checkbox"/> Television	<input type="checkbox"/> Extra monitor	<input type="checkbox"/> Gaming console
<input type="checkbox"/> DVD player	<input type="checkbox"/> Printer	<input type="checkbox"/> Cell phone
<input type="checkbox"/> Desktop computer	<input type="checkbox"/> Stereo system	<input type="checkbox"/> Table lamp
<input type="checkbox"/> Laptop or tablet (non-government)	<input type="checkbox"/> Space heater	<input type="checkbox"/> Coffee maker

2. Do your personal electronics have Energy Star labels?

☐ All have Energy Star labels

☒ Some have Energy Star labels

☐ None have Energy Star labels

☐ Can't tell or don't know

3. When leaving my room for class each morning, I typically:

☐ Make sure electronics are powered off

☒ Allow electronics to go to sleep

☐ Leave electronics on

☐ Some combination of the above

20%

Prev

Next

Effective Facilities Management

- Active Relationships with our building occupants
- Providing our people with the means to save energy (Affordances)

Physical Affordances

Presidio Gymnasium



Location of light switches



Location of light switches



Presidio Gymnasium



Process Affordances

Portable Heater Request Process



Instructional Affordances

How do these thermostats work?



How do these thermostats work?

 **Know Your** 

Thermostat

 When is it okay to open windows?

Weather	Okay If
Cold	Never! (last hour)
Cool	1-star to "COOL"
Mild	1-star to "COOL"
Warm	1-star to "WARM"
Hot	Never (mold risk)
All	Only when occupied





Override Button:
Push this button in classrooms for additional heat and ventilation after 3pm

Room Schedules
M-F: 7am to 3pm (classes)
7am to 5pm (offices)
(auditorium on motion sensors)

Temperature Selector:
Slide this switch to adjust room temperature





 **Auditorium** 

Thermostat

Auditorium Thermostat Locations



Each quadrant has its own thermostat

On Button
Push this button for 2 hours of heating & cooling in your quadrant (push again to restart timer)



Temperature Selector:
Slide this switch to adjust room temperature



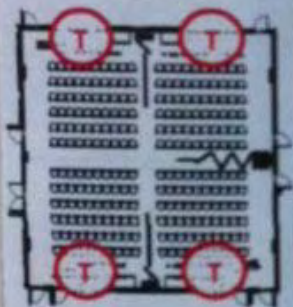


Auditorium



Thermostat

Auditorium
Thermostat
Locations



Each
quadrant has
its own
thermostat



ATU-160B

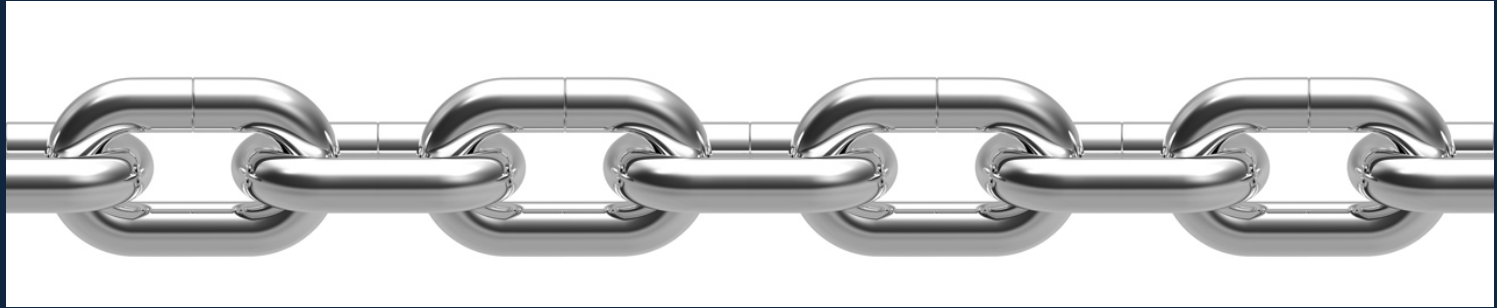
← **On
Button**

Push this
button for

2 hours

of heating
& cooling
in your
quadrant

(push again to
restart timer)



Behavioral
Approaches

Facilities
Management
Team

Technical
Solutions