

Report leaks immediately



Fast Facts

- How many gallons of water can a leaking FAUCET waste in one month when dripping 60 times/minute?

A faucet dripping once/second wastes 260 gallons/month

- How many gallons of water can a leaking TOILET waste in one month?

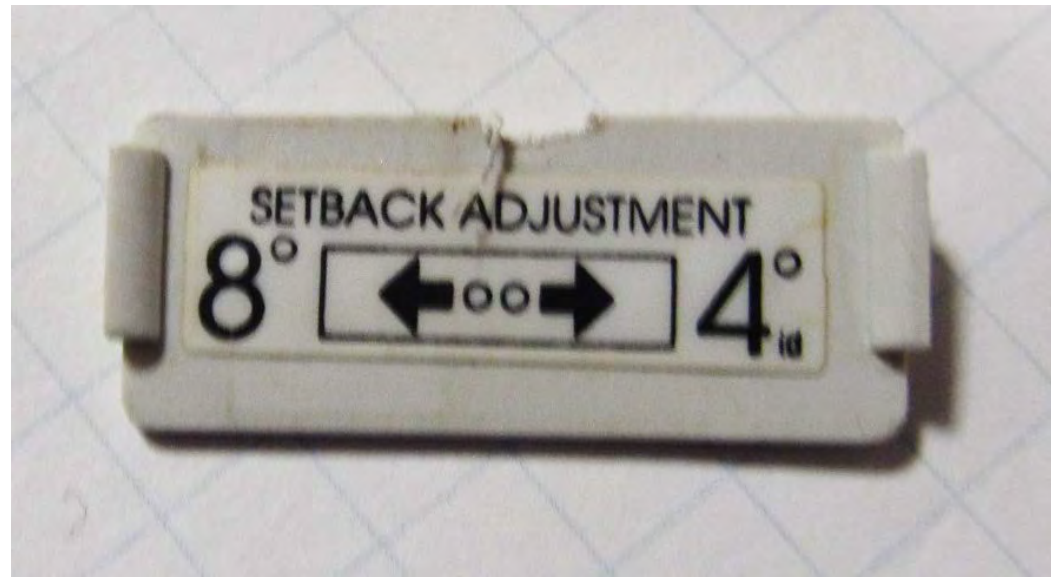
A. 400

B. 1,000

C. 6,000

A leaking toilet can waste 200 gallons/day or up to 6,000 gallons/month





We all know what to do....



But we rarely take these actions....





Consumption Behaviors Not Informed By.....

- Rational decision making
- Calculated information processing
 - saving costs on bills
 - “doing the right thing.”

These Don't Work Well

If only people knew how much they'd save they would just do it.

You should save energy because it's the right thing to do. It saves resources and protects our environment

(on their own)

Just Information Doesn't Work Well

Brochures

Posters

Handouts

Commercials

Announcements

Power Point Presentations

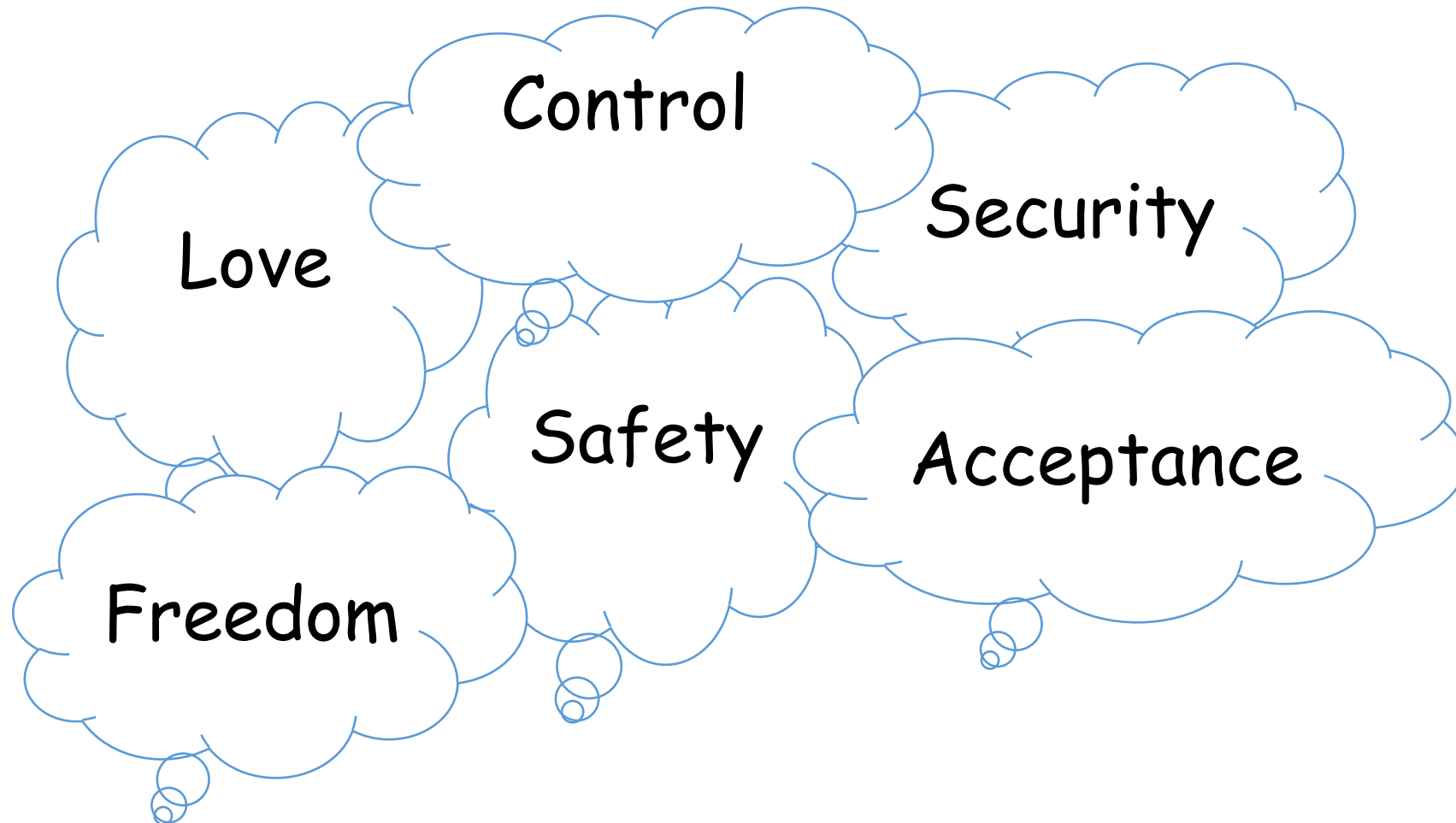
(on its own)

People don't seem to care
about saving energy.

What can we do about that?

Our motivations are deeply influenced by cultural identity, social networks, relationships, affiliations, and emotional needs.

We are Moved by Unconscious Motivations



Strategies acknowledge and work with our behavioral biases such as.....

- Social Norming
- Loss Aversion
- Status Quo Bias
- Single Action Bias



Behavioral Energy Management reduces energy use by changing the behaviors of a building's occupants

**Shut down computers.
It saves money.**



A.

**We could save \$500 this year.
Shut down computers at the
end of the day.**



B.

**Last year we lost \$500
because we didn't shut down
computers.**



C.

Your Turn:

Hotel Towel Reuse

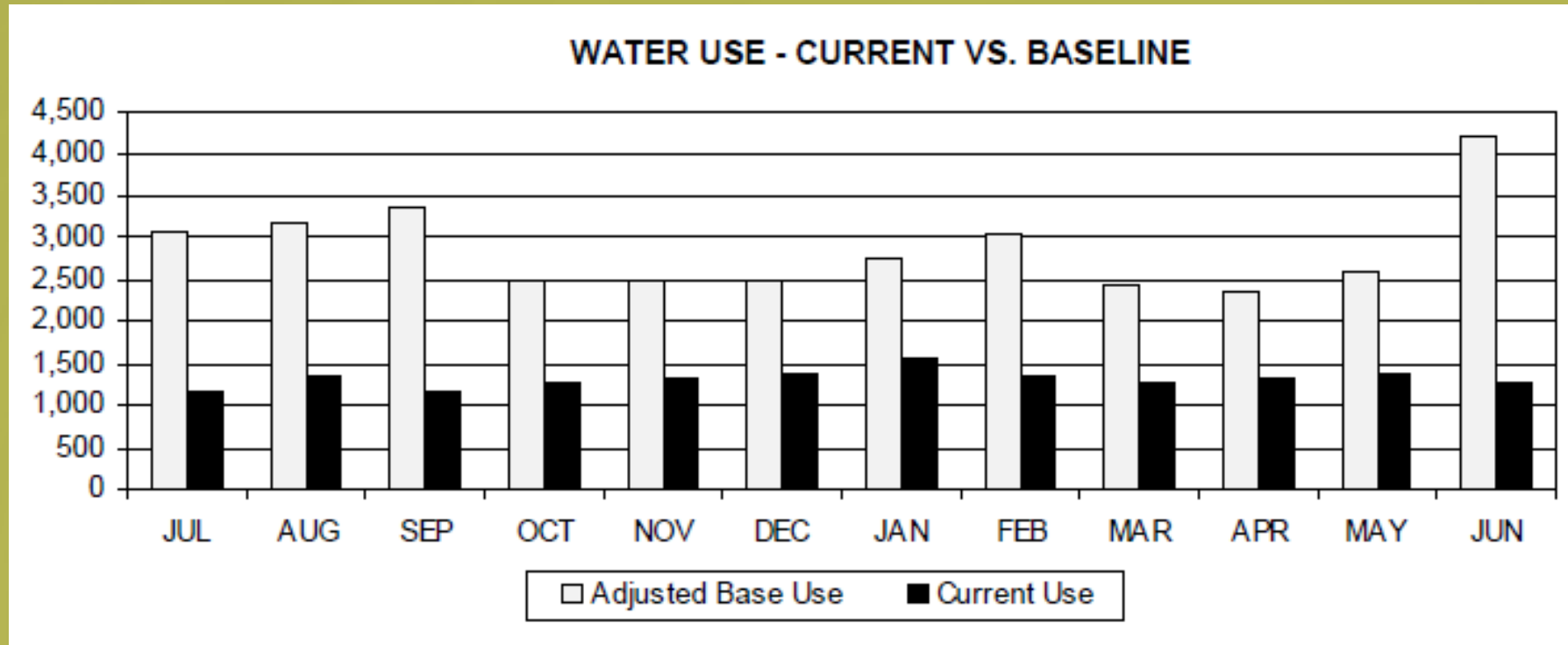
Public Housing Peer Energy Education Program

- Implemented as part of energy performance contract
- Savings guaranteed for programs
- Training program for staff and residents
- Resident educators provided one-on-one education to their neighbors
- Residents committed to specific actions





Claremont Court Water Cost Savings



Water savings for 2014 was over **\$124,000**



I'LL Lend a Hand!

I commit to taking these energy and water saving actions.

(Check the actions you choose to take. See inside for more details.)

WATER	ELECTRICITY
<input type="checkbox"/> Report water leaks/running toilets. <input type="checkbox"/> Wash & dry full laundry loads. <input type="checkbox"/> Don't leave water running.	<input type="checkbox"/> Turn lights off when going to bed. <input type="checkbox"/> Turn lights off when you leave. <input type="checkbox"/> Use CFL (spiral) or LED bulbs. <input type="checkbox"/> Turn off TV's and electronics <input type="checkbox"/> Enable computer power savings settings <input type="checkbox"/> Cut off energy vampires <input type="checkbox"/> Set refrigerator at 40° and freezer at 0°.
HEATING	
<input type="checkbox"/> Turn down heat when going out <input type="checkbox"/> Close doors and windows tight. <input type="checkbox"/> Dress for the season. <input type="checkbox"/> Turn down heat at bedtime.	

Signed:

What Can You Do to Lend a Hand?

You can choose any of these easy actions

WATER

- Immediately report water leaks & running toilets to maintenance

- Wash and dry full loads of laundry.
- Turn off the water while brushing, shaving, and soaping up.



HEATING

- Turn down the heat when you go out and when you go to bed

Dress for the season!

- Latch all windows and close doors tightly when heating.



ELECTRICITY

- Turn lights off when you leave the room and when you go to bed.

- Use CFL (spiral) or LED bulbs, which run on 1/4th the energy of regular bulbs!



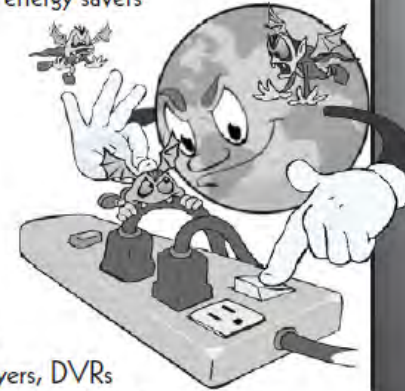
- Turn off TV's and other electronics when you are not using them.
- Set your computer to go into 'sleep mode' after several minutes. Screensavers are not energy savers – disable them.



CUT OFF ENERGY "VAMPIRES"

These use power even when they are off. Unplug them or use a power strip:

- Computers, printers, modems, routers
- Set top (cable) boxes, TVs, DVD Players, DVRs
- Anything with a light or readout that stays on all the time





How to Operate Your Thermostat

To set time and day

- 1 Press SET
- 2 Press ▲/▼ to set time
- 3 Press SET
- 4 Press ▲/▼ to select day
- 5 Press RUN to save & exit

To set program schedule

- 1 Press SYSTEM switch to Heat or Cool
- 2 Press SET until Set Schedule is displayed
- 3 Press ▲/▼ to set Mon-Fri Wake time, then press SET
- 4 Press ▲/▼ to set Mon-Fri Wake temperature, then press SET
- 5 Repeat steps 3-4 to set Leave/Return/Sleep time periods
- 6 Repeat steps 3-4 to set Sat-Sun time periods
- 7 Press RUN to save & exit

To override program schedule

- Press ▲/▼ to change temp for this time period only
- Press HOLD, ▲/▼ to change temp for all time periods
- Press RUN to cancel changes & resume schedule

Digital display

Temperature adjustment

- **Set:** Press to set time/day/schedule
- **Hold:** Press to override programmed temperature control
- **Run:** Press to resume program schedule

Fan switch

- **On:** Fan runs continuously.
- **Auto:** Fan runs only when heating or cooling system is on.

System switch

- **Cool:** Thermostat controls only the cooling system.
- **Heat:** Thermostat controls only the heating system.
- **Off:** Heating and cooling systems are off.

Low battery warning

Current day/time

Current inside temperature

Current program period
Wake/Leave/Return/Sleep

Temperature setting

System status
Heat On/Cool On

The
POWER
is in
YOUR HANDS...



**...To Save Energy & Water
in Your Home!**

Using this **HANDY** guide...

Saves you money

Hands SFHA more funds for improvements

Hands your children a better world

San Francisco Housing Authority
JFK Towers

AMERESCO
Green • Clean • Sustainable

權利
在你的手上...



...為你家裡節能和節水

使用這個方便的指南...

為你省錢

給SFHA更多的改善資金

給你的孩子一個更美好的世界

三藩市房屋管理局
JFK Towers

AMERESCO
Green • Clean • Sustainable

Questions?

Comments?



Thank You
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